

/ DIRECTORY OF METALWORKING JOB SHOP
CAPABILITIES IN GEORGIA, 1975 /

by
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ENGINEERING EXPERIMENT STATION
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Table of Contents

	<u>Page</u>
Foreword	i
INTRODUCTION	iii
INDIVIDUAL COMPANY LISTINGS	1
INDEXES	91
Alphabetical Index by Town	93
Guide to the Equipment Capability Index	97
Equipment Capability Index	99
	* * *
<u>Map</u>	
1. Job Shops Listed in Directory	92

Foreword

Georgia is well placed for sustaining the growth of a large metalworking complex. The state's central location in the Southeast and its transportation facilities, which can efficiently serve the Southeast, have been largely responsible for recent growth and can be expected to spark continued development.

Expansion of Georgia's present metalworking industry and establishment of new facilities within the state are not likely to proceed at the fastest possible rate, however, so long as there is a lack of information on the state's existing metalworking complex, its job shop capabilities, and its metalworking service industries. Since the various segments of the industry provide each other with subcontracting work, trained labor, markets, raw materials, supplies, and services -- the extent of interdependence is greater than in most other industries -- an awareness of the capabilities, facilities, and services which make up Georgia's existing metalworking base is essential to optimum growth.

The Directory of Metalworking Job Shop Capabilities fits into this framework as a comprehensive analysis of the state's metalworking complex and related service industries. It will assist buyers for existing Georgia companies in placing job shop orders and will be a tool with which industrial developers can point up some of Georgia's existing capabilities to out-of-state prospects interested in job shop work. In addition, bringing these capabilities to the attention of customers should give the companies listed in the Directory an opportunity to expand.

This Directory is the third edition of a well received and extensively used publication. The two previous editions, published in 1966 and 1971, have led to special studies pertaining to numerous facets of the metalworking industry. Comments regarding the contents of this report and inquiries regarding possible additional special studies to be undertaken will be welcomed.

Ross W. Hammond, Chief
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INTRODUCTION

The Directory of Metalworking Job Shop Capabilities is designed to be a guide to contract metalworking services in Georgia. Its individual company listings describe the equipment capabilities of both pure job shop companies and proprietary product companies which want to do job shop work. Through the detailed indexes in the back of the directory, plants with a specific type of equipment can be identified and companies in a given geographical area can be determined.

Each company listing begins with a tab showing its name, address, and number of employees. Equipment capabilities are then listed first by process -- forming, machining, fabricating, finishing, and casting -- and then by type of machine or facility. All equipment associated with a given process is grouped together so that total capability and possible combinations of machinery can be readily ascertained. Equipment which does not fit the standard directory format is listed separately under the heading "Special Facilities."

Emphasis in the directory has been placed on the capabilities of machinery rather than the quantity. Companies in the directory commonly have more than one machine of a given type, but only the machine which best describes the total capability is listed. However, in most cases plant capacity can be determined from the number of employees and the extent of machine variety. The directory format lists all machine types plurally as a matter of consistency.

Following the equipment capability listings are brief statements, where available, on company status as precision shop, access to rail sidings, and principal business.

To find a specific type of machine, use the equipment index. A guide to the index immediately precedes it. Like the individual listings, the index is arranged first by process, then by type of machinery, although machinery types are listed alphabetically here. Companies are listed alphabetically under each machine type.

Special facilities are listed at the end of the equipment index. These are capabilities which do not fit the standard directory format and which are not likely to be easily found in an index. In many cases they are unique in the state.

To locate companies in a specific geographical area, use the alphabetical index by town. The map which follows it describes visually the distribution of job shops listed in the directory.

Information for this directory was collected through questionnaires and personal and telephone interviews. More than 500 metalworking firms in Georgia were solicited. Those companies expressing an interest in job shop work received comprehensive questionnaires on their equipment capabilities. The 140 questionnaires which were completed and returned were adapted to a standard format and are the basis for this directory. The terminology of the company listings is that of the individuals who completed and returned the questionnaires.

Interviews in connection with the directory turned up some common characteristics of Georgia's job shop companies. They generally are willing to either furnish raw materials or use those supplied by the customer. They prefer to handle a complete job but will subcontract where dictated by economics or customer preference or schedules. Except as noted in the directory, they serve a variety of industries. They use their own trucks for local delivery but frequently rely on common carriers for shipment to distant points. Finally, they are able to compete at distances far greater than is common in the North.

This directory is a third edition and includes most of the companies in Georgia which are interested in contract metalworking. Companies wishing to appear in future editions should request questionnaires from:

Directory of Metalworking Job Shop Capabilities
Industrial Development Division
Georgia Institute of Technology
Atlanta, Georgia 30332

Companies presently included in the directory should send information on major machinery additions or corrections to the same address. Directory users are invited to suggest changes which will make future editions more useful.

INDIVIDUAL COMPANY LISTINGS

ADVANCED METAL AND WELDING CO.
748 10 th, St., N. W., Atlanta, Ga.
Employees: 15

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical punch - 6 ton <u>Shears</u> - 10' of 10 gauge mild steel <u>Brakes</u> - 12' of 10 gauge mild steel <u>Bending Rolls</u> - 8' of 3/16" stock
Machining	<u>Saws</u> - Band - 24" throat clearance
Fabricating	<u>Welding</u> - Spot and arc - several types and sizes - inert gas

PRINCIPAL BUSINESS

Air systems - ovens and driers.

THE AID CORP.
Box 685, Clayton, Ga.
Employees: 50

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 2 ton - 3' clearance <u>Shears</u> - 5' of 16 gauge s/s <u>Brakes</u> - 5' of 16 gauge s/s <u>Bending Rolls</u> - 1' of 16 gauge s/s
Machining	<u>Lathes</u> - Engine and turret lathes of various sizes Screw machines - New Britain (Conomatic) 2-5/8" capacity <u>Boring Mills</u> - Vertical - 4' swing x 6' Horizontal - 2" diameter - 8' feed <u>Drills</u> - Upright - 2" spindle diameter - 4' clearance Radials - 6' arm - 16" column diameter Turret - 4 heads - 5' clearance Multi-spindle - 1.5' x 3' <u>Milling Machines</u> - Table 6'

(continued)

NC Operation - Milling - #720 Cincinnati Machining Center

Saws - Reciprocating - 4" capacity

Band - 14" throat clearance

Circular - 20" diameter

Grinders - External - bench type

Surface - 2' diameter

Broaching Machines - Horizontal 2' stroke

Fabricating Welding - Spot - 50 KVA, MIG, TIG, Electron Beam

Finishing Plating - Cadmium - 15' tank, phosphate coating -
3' x 3' x 2'

Painting - Water curtain and conveyor, hot paint

Heat Treating - Lindberg pit - 24" - 1,700°F capacity
for steel, 6' deep x 38" diameter, 1,000°F
maximum for aluminum

SPECIAL FACILITIES

4" ETNA rotary swager, electron beamwelder, flash welding

2" Fenn Hydroformer

Aluminum conversion coating MIL-C-5541

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Aircraft components, flash-welded tubes and cargo tie down.

AMERICAN ALLOY STEEL, INC.

2070 Steel Dr., Tucker, Ga.

Employees: 50

EQUIPMENT CAPABILITY

Forming Presses - Hydraulic - 75 ton - 28" clearance

Brakes - 12' of ½" stock

Bending Rolls - 9' of ¾" stock

Machining Drills - Upright - 4" spindle diameter x 48" clearance

Radial - 6' arm x 14" column diameter

Fabricating Welding - Arc - 600 amp., submerged, automatic

(continued)

SPECIAL FACILITIES

X-ray equipment.

ADDITIONAL INFORMATION

10-ton, 5-ton, and 3-ton cranes.

PRINCIPAL BUSINESS

Plate fabrication.

E. R. ANDREWS AND SONS

3289 Columbus Rd., Macon, Ga.

Employees: 12

EQUIPMENT CAPABILITY

Forming	<u>Shears</u> - 10' of 10 gauge s/s
	<u>Brakes</u> - 10' of 10 gauge s/s
	<u>Bending Rolls</u> - 4' of 16 gauge s/s
	10 gauge hydraulic bender
Fabricating	<u>Welding</u> - Spot - 7.5 KVA - 30" throat, 12" gap
	Arc - 300 amp.

PRINCIPAL BUSINESS

General sheet metal products.

ARBISER MACHINE BUILDING CO.

2184 Flintstone Dr., Tucker, Ga.

Employees: 6

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 45 ton
Machining	<u>Lathes</u> - Engine - 20" swing x 115"
	Turret - 38" swing x 25"
	<u>Boring Mills</u> - Horizontal - 3½" spindle diameter x 36" feed
	<u>Drills</u> - Upright - 5" spindle x 20" clearance
	<u>Milling Machines</u> - #4 - 48" travel

(continued)

Saws - Band - 12" throat clearance
Circular - 12" diameter
Grinders - External - 10" diameter x 40"
Internal - 10" OD x 10"
Surface - 8" x 24"

Fabricating Welding - Arc - 350 amp., TIG

PRINCIPAL BUSINESS

Special machine building and general machine shop.

ARCHITECTURAL MFG. CO. OF AMERICA

1 Permalume Place, N. W., Atlanta, Ga.

Employees: 75

EQUIPMENT CAPABILITY

Forming Presses - Mechanical OBI - 125 ton
Brakes - 6' of 20 gauge s/s

Machining Drills - Upright - 2" spindle diamters x 20" clearance
Multi-spindle - 4" - 20" spindle clearance
Milling Machines - 20" table travel
Saws - Band - 14" throat clearance
Circular - 12" diameter

Fabricating Welding - Heliarc - 600 amp.

Finishing Anodizing - Tank size 4' x 12'
Painting - Spray and bake

SPECIAL FACILITIES

Automatic mitre saws, machine for skin mitre of aluminum.

ADDITIONAL INFORMATION

Rail siding equipped to handle boxcars.

PRINCIPAL BUSINESS

Metal fabrication.

ATLANTA GROTNES MACHINE CO.

300 Selig Dr., S. W., Atlanta, Ga.

Employees: 25

EQUIPMENT CAPABILITY

Machining	<u>Lathes</u> - Engine - 36" swing x 136"
	<u>Boring Mills</u> - Vertical - 48" clearance - 40" travel
	Horizontal - 3" diameter - 20" feed
	<u>Drills</u> - Radial - 4' arm x 12" column diameter
	<u>Milling Machines</u> - #2 - 30" travel
	<u>Planers</u> - 162" L x 60" T x 40" V travel
	<u>Saws</u> - Band - 18" throat
Fabricating	<u>Welding</u> - Arc - 520 amp.

PRINCIPAL BUSINESS

Special designed machinery, metal forming machines.

ATLANTA TOOL CO., INC.

670 Boulevard, N. E., Atlanta, Ga.

Employees: 6

EQUIPMENT CAPABILITY

Machining	<u>Lathes</u> - Screw machines - single and multi-spindle 1/16" to 2 1/2"
	<u>Milling Machines</u> - Slotting only, 10" table travel
	<u>Drills</u> - Variety of types and sizes

ADDITIONAL INFORMATION

Company works to commercial screw machine tolerances.

PRINCIPAL BUSINESS

Screw machine products.

ATLANTIC SHEET METAL CORP.

799 Marietta St., N. W., Atlanta, Ga.

Employees: 30

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical OBI - 35 ton - 8" clearance
	<u>Shears</u> - 12' of 3/16" stock
	48" x 16 gauge circle shear
	<u>Brakes</u> - 12' x 1/8" stock
	<u>Bending Rolls</u> - 22" of 3/16" stock
	22 gauge lock roller
	10' corrugating roll - 1½" & 1½" corrugations
	3" x 3" x 3/8" ring roller
	48" Pulmax
Machining	<u>Drills</u> - Upright - 1" spindle diameter x 15" clearance
	<u>Saws</u> - Band - 8" (horizontal) clearance
	Circular - 16" diameter
Fabricating	<u>Welding</u> - Spot - 7½ KVA - 48" throat depth, 12" gap
	Arc - 200 amp.

PRINCIPAL BUSINESS

Steel building products, special fabricated steel items.

ATLAS MANUFACTURING AND MACHINE CORP.

5620 New Peachtree Rd., Chamblee, Ga.

Employees: 35

EQUIPMENT CAPABILITY

Machining	<u>Lathes</u> - Engine - 18" swing x 96"
	Turret - 12" swing
	Screw Machines - 6 spindles x 1½" diameter
	<u>Drills</u> - Upright - 1" spindle diameter x 10" clearance
	Radial - 36" arm
	Multi-spindle - 6" travel - 12" clearance

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Finishing Painting - Hot airless spray
 Stress Relieving - 4' x 4' x 3' at 1,200°F

SPECIAL FACILITIES

Sand blasting, 2½" nozzles at 100 PSI.

ADDITIONAL INFORMATION

Company is considered a precision shop. Rail siding for gondolas and flat cars serviced by 15 ton overhead cranes.

PRINCIPAL BUSINESS

Machined parts, custom fabricating, and structural steel for bridges.

AUGUSTA PLATING CO. INC.
2340 Walden Dr., Augusta, Ga.
Employees: 20

EQUIPMENT CAPABILITIES

Finishing Plating - Zinc, cadmium, copper, nickel, chrome,
 gold, silver, tin, black oxide - 10' x 3' x 3'
 tank capacity

PRINCIPAL BUSINESS

Electroplating.

AUTOMATIC MACHINE AND TOOL CO.
Industrial Ave., Cedartown, Ga.
Employees: 14

EQUIPMENT CAPABILITY

Machining Lathes - Engine - 24" swing x 60"
 Turret - 18" swing x 36"
 Automatic - B & S, Traub - to 1-5/8"
 Screw Machines - multi-spindle - 2¼"
 Drills - Upright - #4 MT spindle - 9" clearance
 Milling Machines - 42" travel
 Saws - Band - 9" throat

PRINCIPAL BUSINESS

Contract production machine work.

B. M. R. FABRICATORS

Box 610 (Highway 123), Toccoa, Ga.

Employees: 75

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 1,000 ton <u>Shears</u> - 10' of $\frac{1}{4}$ " stock Nibbler of 14 guage <u>Brakes</u> - 10' of 3/16" stock <u>Bending Rolls</u> - 8 $\frac{1}{2}$ ' of $\frac{1}{4}$ " stock
Machining	<u>Lathes</u> - Engine - 25" swing x 10' Turret - 10" swing <u>Drills</u> - Upright Radial - 42" arm x 7" column diameter <u>Milling Machines</u> - #3 <u>Saws</u> - Band and filer Reciprocating - 9" x 9" Model C70 Do All automatic power saw - precision cutoff <u>Grinders</u> - Surface - 8" x 20"
Fabricating	<u>Fabricators</u> - Wales Strippit <u>Welding</u> - Spot - 50 KVA Arc - 750 amp.
Finishing	Heat treating furnaces, quenching tanks Carbonizing furnace - 24" diameter x 20" deep Sand blasting - large parts

SPECIAL FACILITIES

Twenty-foot paint line with infrared ovens, 40-foot paint drying ovens, Ransburg automatic electric paint booth; 650-foot total overhead conveyor and belt line for assembling, cleaning, painting, and packaging.

PRINCIPAL BUSINESS

Metal boxes, textile parts, contract work, transformer tanks, textile sewing trucks.

BAINBRIDGE MACHINE CO.

614 West College St., Bainbridge, Ga.

Employees: 8

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 70 ton - 42" clearance
	<u>Shears</u> - 10' of 1/4" stock
	<u>Brakes</u> - 6' of 3/16" stock
	<u>Ironworkers</u> - #11 Peddinghaus
Machining	<u>Lathes</u> - Engine - 42" x 14'
	<u>Milling Machines</u> - #4 B & S
	<u>Saws</u> - Reciprocating - 6" Peerless
	<u>Grinders</u> - Surface - Norton 6" x 18"
Fabricating	<u>Welding</u> - Spot - 12" gap
	Arc - 400 amp., MIG wire weld

PRINCIPAL BUSINESS

Conveyors, jigs and fixtures, gas cookers.

BAKER MANUFACTURING CO.

Box 1003, Valdosta, Ga. 31601

Employees: 9

EQUIPMENT CAPABILITIES

Forming	<u>Presses</u> - Mechanical OBI - 60 ton
Machining	<u>Drills</u> - 1/2" spindle x 18" clearance
	<u>Saws</u> - Band - 18" clearance
Fabricating	<u>Welding</u> - Arc and heliarc - 200 amp.

PRINCIPAL BUSINESS

Sporting goods, hunting accessories.

BANKHEAD WELDING SERVICE

1345 Bankhead Ave., N. W., Atlanta, Ga.

Employees: 90

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 100 tons - 24" clearance
	<u>Shears</u> - 16' of $\frac{1}{4}$ " stock
	<u>Brakes</u> - 16' of 10 gauge s/s
	<u>Bending Rolls</u> - 6' of $\frac{3}{8}$ " stock
Machining	<u>Lathes</u> - Engine - 27" swing x 132"
	Turret - 14" swing x 24"
	<u>Boring Mills</u> - Vertical - 32" clearance - 24" travel
	<u>Drills</u> - Upright - $1\frac{1}{2}$ " spindle - 16" clearance
	Radial - 5' arm - 14" column diameter
	<u>Milling Machines</u> - #4 - 48" table travel
	<u>Shapers</u> - Gould & Eberhardt - 24" stroke
	<u>Saws</u> - Band - 24" throat clearance
	Circular - 26" friction
Fabricating	<u>Welding</u> - Arc - 400 amp.

PRINCIPAL BUSINESS

Job shop. Automotive transport carriers.

BARRON FABRICATORS, INC.

1835 Briarwood Rd., N. E., Atlanta, Ga.

Employees: 42

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical OBI - 66 ton - 18" clearance
	<u>Shears</u> - 10' of 3/16" mild steel
	<u>Brakes</u> - 10' of 3/16" mild steel
	<u>Bending Rolls</u> - 5' of $\frac{1}{4}$ " mild steel
Fabricating	<u>Welding</u> - Spot - 100 KVA
	Arc - MIG - 300 amp.

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Finishing Painting - 10' x 10' x 16' booth

PRINCIPAL BUSINESS

Custom sheet metal, industrial ovens.

BENNETT MANUFACTURING CO.

Washington, Ga.

Employees: 10

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 40 ton
	<u>Shears</u> - 18" of 12 gauge s/s
Machining	<u>Lathes</u> - Engine - 20" swing x 42"
	<u>Drills</u> - Upright #1 MT - 3' clearance
	Horizontal - 4" stroke - 2 HP
	Multi-spindle - 6" travel - 6" clearance
	<u>Saws</u> - Band - 10" throat clearance
	Circular - 8" diameter
	<u>Grinders</u> - Surface - 6" x 12"
Fabricating	<u>Welding</u> - Arc - 180 amp.

PRINCIPAL BUSINESS

Karts, lawn mowers, custom jobbing and special machinery.

BERKELEY PUMP CO.

556 Tift St., S. W., Atlanta, Ga.

Employees: 50

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical arbor - 3 ton
Machining	<u>Lathes</u> - Engine - 20" swing x 12"
	Turret - 20" swing x 48"
	Automatic - chucks - 8" spindle x 16" swing
	Screw machine - 7/8" capacity
	<u>Boring Mills</u> - Vertical - 42" clearance, 24" travel

(continued)

Drills - Upright - #2 Morse x 12" clearance

Radial - 48" arm x 13" column diameter

Multi-spindle - 6" spindle travel, 12" clearance

Milling Machines - #2MH - 30" travel

Saws - Reciprocating - 12"

Circular - 4" diameter

Grinders - Cylindrical - 18" x 36"

Fabricating Welding - Arc - 450 amp.

SPECIAL FACILITIES

Automatic indexing multi-spindle drilling machine.

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Pumps for home, industry, farm, and municipal use.

BIBB STEEL & SUPPLY CO., INC.

4105 Broadway, Macon, Ga.

Employees: 70

EQUIPMENT CAPABILITY

Forming Presses - Mechanical - 150 ton

Shears - 10' of $\frac{1}{2}$ " stock

Ironworkers - $1\frac{1}{2}$ " Buffalo

Machining Drills - Upright - 3-1/8" spindle - 7" clearance

Saws - Reciprocating - 18" x 18"

Band - 12" throat clearance

Fabricating Welding - 400 amp.

PRINCIPAL BUSINESS

Fabricated structural steel for bridges.

BLANTON PLOW CO., INC.

East 17th St., Rome, Ga.

Employees: 30-40

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - punch - 350 ton <u>Shears</u> - 36" of $\frac{1}{4}$ " stock <u>Brakes</u> - 8' of 16 gauge s/s <u>Bending Rolls</u> - 6' of 12 gauge s/s <u>Forging</u> - Hammer - drop - 1,500 pounds
Machining	<u>Lathes</u> - Engine - 18" swing x 24" <u>Drills</u> - Upright - 20" spindle clearance <u>Milling Machines</u> - #3 <u>Shapers</u> - 24" stroke <u>Saws</u> - Band - 12" throat clearance <u>Grinders</u> - Surface - 8" x 14"
Fabricating	<u>Welding</u> - Arc - 350 amp., automatic MIG welding

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Farm plows and shares.

W. C. BRADLEY

901 Front Ave., Columbus, Ga.

Employees: Approximately 350

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 350 ton Ajax - 1300 ton <u>Shears</u> - 8' of 10 gauge s/s <u>Forging</u> - Hammer - 1,200 pounds - 2,000 pounds
Machining	<u>Drills</u> - Upright - 1" spindle, 12" clearance <u>Milling Machines</u> - 2H-Vertical - 36" table travel <u>Shapers</u> - 24" stroke

(continued)

	<u>Saws</u> - Band -24" throat clearance
	<u>Grinders</u> - External - 30"
Fabricating	<u>Welding</u> - Arc - 400 amp.
Finishing	<u>Painting</u> - Electrostatic and airless with spray booth
	<u>Stress Relieving</u> - Gas fired - 6' x 12'
	<u>Heat Treating</u> - Batch - 3,000 lbs./hour

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars. 20 ton overhead crane.

PRINCIPAL BUSINESS

Gray and ductile iron and steel castings, farm implements, charbroil grills.

BRAMCO PRODUCTS - DIVISION OF NATIONAL SERVICE, INC.
 Canton, Ga.
 Employees: 300

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 180 ton
	<u>Shears</u> - 10' of 10 gauge s/s
	<u>Brakes</u> - 12' of 10 gauge s/s
	<u>Ironworkers</u> - Bateman - ½" of 2" flat stock
Machining	<u>Lathes</u> - Engine - 16" swing x 36"
	Turret - 16" swing x 18"
	<u>Milling Machines</u> - Bridgeport - Vertical
	Milwaukee - Horizontal
	<u>Shapers</u> - 14" Gould and Eberhardt
	<u>Saws</u> - Band - Powermatic 20"
	Circular - Beaver 20" abrasive cutoff
	<u>Grinders</u> - External - Setco - combination grinder-buffer
	Surface - 6" x 18"
Fabricating	<u>Welding</u> - Spot - 35 KVA - 20" throat
	Arc - 300 amp.
Finishing	<u>Painting</u> - Spray booth 12' x 12' w/t water fall, Electrostatic with bake facilities

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SPECIAL FACILITIES

3T and 5T Time tube benders.

PRINCIPAL BUSINESS

Mechanized poultry equipment.

BREMAN STEEL CO.

329 Decatur St., S. E., and 1651 W. Marietta St., Atlanta, Ga.

Employees: 60-75

EQUIPMENT CAPABILITY

Forming	<u>Shears</u> - Plate squaring - 8' x 1"
	<u>Brakes</u> - 10' of 1/8"
Machining	<u>Lathes</u> - Engine - 16" swing x 6'
	<u>Drills</u> - Upright - 2" spindle diameter x 18" clearance
	Radial - 8' arm - 16" column diameter
	<u>Shapers</u> - 24" stroke
	<u>Saws</u> - Band - Horizontal - 12" x 16"
	Circular - Cold - 36" x 16"
Fabricating	<u>Welding</u> - Arc - 600 amp.

SPECIAL FACILITIES

Angle shears 8' x 8' x 1" - punch 1-1/6 through 1" - pipe bender up to 4" pipe.

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Fabrication of structural steel - miscellaneous and ornamental iron.

BRIDGEPORT BRASS, DIVISION OF NATIONAL DISTRIBUTORS & CHEMICAL CORP.
Box 808, Moultrie, Ga. 31768
Employees: 150

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 600 ton knuckle joint 110 ton OBI 250 ton double eccentric, 4 point press - 8" stroke 36" x 84" bed area
Machining	<u>Lathes</u> - Engine 16" swing x 54" <u>Drills</u> - Upright Radial - 48" arm - 11" column clearance <u>Milling Machines</u> - #3 - 24" travel <u>Shapers</u> - Horizontal - 20" stroke <u>Saws</u> - Circular - 10" diameter <u>Grinders</u> - Universal Surface - 10" x 24" <u>Electrical Machining</u> - EDM Charmilles D1-5
Fabricating	<u>Welding</u> - Arc - 300 amp.
Finishing	<u>Plating</u> - Copper, nickel, and chrome on brass and steel - Hanson Van Winkle automatic Tank dimensions 54" wide x 69" deep <u>Heat Treating</u> - Hardening - Steel 16" x 10" x 8" Tempering - 6" x 6" x 12" Annealing - Tubing only <u>Stress Relieving</u> - Bulk type - surface combustion - roller hearth

SPECIAL FACILITIES

Bending machines for thin wall tubing size 3/4" and 1 1/4". Automatic tubing cutoff saws. Facilities for polishing, buffing, and plating brass or steel.

PRINCIPAL BUSINESS

Plumber brass goods, stampings.

BROCK & BLEVINS CO., INC.
Box 160, Rossville, Ga.
Employees: 125

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 50 ton 600 ton brake Hydraulic - light <u>Shears</u> - Drop 12' of 3/4" mild steel Rotary - 18" depth - 1/4" mild steel <u>Bending Rolls</u> - 12' of 1" stock
Machining	<u>Lathes</u> - Engine - 20" swing x 9' <u>Drills</u> - Upright - 2" spindle diameter, 11" clearance Radial - 5' arm, 14" column diameter <u>Shapers</u> - 12" stroke <u>Saws</u> - Reciprocating - 8" pipe Band - 17" throat clearance
Fabricating	<u>Welding</u> - Arc - 600 amp. Submerged arc - automatic Stud - 5/8" capacity - Nelson

SPECIAL FACILITIES

Magnetic drill presses.

PRINCIPAL BUSINESS

Steel fabrication, field erection of power and chemical plants, boiler repairs and maintenance.

BROWN STEEL CONTRACTORS, INC.. BLUE DIVISION
57 E. Broad St., Newnan, Ga.
Employees: 160

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 70 ton <u>Shears</u> - 12' of 1/2" stock <u>Brakes</u> - 14' of 3/8" stock
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Bending Rolls - 12' of 1½" stock

Machining

Lathes - 26" x 12'

Boring Mills - Vertical - 122" swing, 48" travel

Drills - Radial - 5' arm, 13" column diameter

Milling Machines - #1 - 24" travel

Saws - Band - 36" clearance, Do All metal cutting

Fabricating

Welding - Arc - 400 amp.

ADDITIONAL INFORMATION

Company is considered a precision shop. Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Elevated tanks, pressure vessels, and storage tanks.

BROWN STEEL CONTRACTORS, INC. - BROWN DIVISION

Box 1037, Newnan, Ga.

Employees: 110

EQUIPMENT CAPABILITY

Forming

Presses - Dishing machine (mechanical press)

Shears - Gate 12' of 3/8" stock

Brakes - 12' of 3/16" stock

Bending Rolls - 10' of 3/4" stock

Machining

Drills - Upright - 2½" spindle diameter

Saws - Band - 12" throat clearance

Fabricating

Welding - Arc - 400 amp.

PRINCIPAL BUSINESS

Elevated steel water tanks and water systems.

C S M INC.

5036 Minola Rd., Lithonia, Ga.

Employees: 16

EQUIPMENT CAPABILITY

Forming	<u>Shears</u> - 4' of 14 gauge s/s
	<u>Brakes</u> - 10' of 3/16" mild steel
	<u>Bending Rolls</u> - 4' of 14 gauge s/s
Machining	<u>Drills</u> - Upright - ½" spindle diameter x 12" clearance
	<u>Saws</u> - Circular - 12" diameter
Fabricating	<u>Welding</u> - Arc, Heliarc - 300 amp.

PRINCIPAL BUSINESS

Duct work, stainless steel hoods.

CARDINAL MANUFACTURING CO.

Macon Rd., Fort Valley, Ga.

Employees: 32

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 165 ton
	<u>Shears</u> - 10' of 10 gauge s/s
	<u>Brakes</u> - 10' of 1/8" stock
Machining	<u>Lathes</u> - Engine - 16" swing x 42"
	<u>Drills</u> - Upright - 1½" spindle diameter, 9½" clearance
	<u>Milling Machines</u> - 30" table travel
	<u>Saws</u> - Band - 20" throat clearance
	Circular - 12" diameter
	<u>Broaching Machines</u> - Horizontal - 10" stroke
	<u>Gear-Making Machines</u> - Vertical
Fabricating	<u>Welding</u> - Spot - 75 KVA - 30" throat depth, 10" gap
	Arc - 250 amp.

PRINCIPAL BUSINESS

Windows, metal stampings.

CENTERLESS GRINDING SERVICE

309 N. Highland Ave., N. E., Atlanta, Ga.

Employees: 7

EQUIPMENT CAPABILITY

Machining	<u>Grinders</u> - Centerless - Automatic infeed capacity .05" to 4" diameter Thru-feed capacity .05" to 18" diameter up to 25' long Surface - Rotary capacity 54" diameter circle x 24" height Reciprocating capacity 24" x 24" x 144"
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ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Precision and production grinding; rolls, manufactured or reconditioned.

CHAMPION MACHINE AND MANUFACTURING CO., INC.

1 St. Regis Rd., Savannah, Ga.

Employees: 14

EQUIPMENT CAPABILITIES

Forming	<u>Bending Rolls</u> - 6' of $\frac{1}{2}$ " stock
Machining	<u>Lathes</u> - Engine - 24" swing x 120" Turret - 16" swing x 36" Screw machines - automatic - 2 $\frac{1}{2}$ " <u>Boring Mills</u> - Vertical - 42" clearance 30" travel <u>Drills</u> - Upright - 4" spindle diameter - 18" clearance Radial - 5' arm - 14" column diameter Turret - 6 heads - 18" clearance <u>Milling Machines</u> - #5 - 50" travel <u>Planers</u> - 6' L x 24" T x 24" V travel <u>Saws</u> - Band - 6" throat Circular - 12" diameter
Fabricating	<u>Welding</u> - Arc - MIG, TIG - 300 amp.

(continued)

SPECIAL FACILITIES

Single head panograph burning.

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Metalworking services.

CHEROKEE METALS, INC.

4648 Old Peachtree Rd., Norcross, Ga.

Employees: 30

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical OBI - 120 ton - 30" x 42" clearance Hydraulic - 400 ton - 25' brake <u>Shears</u> - 10' of 10 gauge s/s <u>Brakes</u> - 25' of ½" mild steel
Machining	<u>Lathes</u> - Turret - 11" swing x 24" <u>Drills</u> - Upright - 2-3/4" spindle diameter x 10" clearance <u>Shapers</u> - Universal - 16" stroke <u>Saws</u> - Band - 14" throat <u>Grinders</u> - Surface - 6" x 18"
Fabricating	<u>Welding</u> - Spot - 20 KVA - 36" throat - 12" gap Arc - 225 amp.
Finishing	<u>Painting</u> - 5 stage cleaning, electrostatic painting and baking <u>Heat Treatment</u> - Gas - 6" x 8" x 20"

PRINCIPAL BUSINESS

Metal stamping and fabricating.

COBB COUNTY TOOL & ENGINEERING, INC.

238 Bankhead Hwy., Mableton, Ga.

Employees: 9

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 200 ton
	<u>Forging</u> - Press - mechanical crank - 200 ton
Machining	<u>Lathes</u> - Engine - 26" swing x 8'
	<u>Boring Mills</u> - Jig borer - P & W - 16" x 32"
	<u>Drills</u> - Upright #3 MT - 24" clearance
	Radial - 4' arm - 13" column diameter
	Multi-Spindle - 8" travel, 9" clearance
	<u>Milling Machines</u> - #4 - 48" travel
	<u>Shapers</u> - V-Ram Horizontal - 20" stroke
	<u>Saws</u> - Band - 26" throat clearance
	Circular - 52" diameter
	<u>Grinders</u> - External - 10" x 24"
	Internal - 12"
	Surface - 16" x 60"
Fabricating	<u>Welding</u> - Spot - 30 KVA
	Arc - 200 amp.
Finishing	<u>Heat Treating</u> - Electric 9" x 9" x 18"

ADDITIONAL INFORMATION

Company is considered a precision shop

PRINCIPAL BUSINESS

Forming dies, general machine work.

COOK & CO.

Industrial Park, Lumber City, Ga.

Employees: 240

EQUIPMENT CAPABILITY

Machining	<u>Lathes</u> - Engine - 13" swing x 60"
	<u>Drills</u> - Upright - 2" spindle x 24" clearance
	<u>Milling Machines</u> - #3 - 24" table travel
	<u>Shapers</u> - Horizontal - 12" stroke
	<u>Saws</u> - Reciprocating - 6"
	Band - 12" throat
	<u>Grinders</u> - Surface - 6" x 24"
Fabricating	<u>Welding</u> - Arc - 200 amp.

PRINCIPAL BUSINESS

Tire wire.

D & J MANUFACTURING CO., INC.

Redmond Circle, Rome, Ga.

Employees: 10

EQUIPMENT CAPABILITY

Casting	Aluminum casting using sand, shell, and CO ₂ molds.
	Crucible furnaces - total capacity 7,000 pounds per 8-hour shift.

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Aluminum commerical castings, textile loom replacement parts.

DALTON SHEET METAL CO., INC.
Grant St., 11th Ave., Dalton, Ga.
Employees: 100

EQUIPMENT CAPABILITY

Forming	<u>Shears</u> - 10' of $\frac{1}{4}$ " stock
	<u>Brakes</u> - 10' of $\frac{1}{4}$ " stock
	<u>Bending Rolls</u> - 5' of 1/8" stock
Machining	<u>Lathes</u> - Engine - 21" swing x 20'
Fabricating	<u>Welding</u> - Heliarc - 250 amp.

PRINCIPAL BUSINESS

Textile dyeing and finishing equipment.

DAMAR, INC.
Box 6248, Station A, Marietta, Ga.
Employees: 65

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - OBI - 60 ton
	<u>Shears</u> - 72" of 12 gauge s/s
	<u>Brakes</u> - 12' of $\frac{1}{4}$ " stock
	<u>Bending Rolls</u> - 36" of 12 gauge s/s
Machining	<u>Lathes</u> - Engine - 15" swing x 48"
	<u>Drills</u> - Upright - 18" clearance
	<u>Milling Machines</u> - Millrite vertical - 8" x 16"
	<u>Saws</u> - Reciprocating - 10" x 18"
	Band - 24" throat
	<u>Grinders</u> - Surface - 6" x 12"
Fabricating	<u>Welding</u> - Spot - 100 KVA - 30" throat - variable gap
	Arc - 300 amp.
Finishing	<u>Painting</u> - Water wash, batch type with baking oven

PRINCIPAL BUSINESS

Contract metal fabricating.

DAVIDSON KENNEDY CO.

1090 Jefferson St., N. W., Atlanta, Ga.

Employees: 95

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic short column 500 ton, capacity 22" x 36" Hydraulic - 80 ton <u>Shears</u> - 10' of $\frac{1}{2}$ " stock <u>Brakes</u> - 12' of $\frac{1}{2}$ " stock
Machining	<u>Lathes</u> - Engine - 30" swing x 14' Turret - 20" swing <u>Boring Mills</u> - Vertical - 72" diameter table Horizontal - 4" spindle diameter - 30" <u>Drills</u> - Upright - 18" clearance Radial - 5' arm x 18" column diameter Multi-spindle - 8" spindle <u>Milling Machines</u> - #5 Brown & Sharpe <u>Shapers</u> - 24" stroke <u>Planers</u> - 20' L x 96" T x 60" V travel <u>Saws</u> - Band - 30" throat clearance Circular - 18" diameter
Fabricating	<u>Welding</u> - Arc - 600 amp.
Finishing	<u>Stress Relieving</u> - Ultrasonic

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Railroad car parts, special machinery.

DELL INDUSTRIES

1000 Garlington Ave., P.O. Box 175, Waycross, Ga.

Employees: 200

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 50 ton
	Hydraulic - 200 ton
	<u>Shears</u> - 16' of $\frac{1}{2}$ " stock
	<u>Brakes</u> - 14' of $\frac{1}{2}$ " stock
	<u>Bending Rolls</u> - 10' of $\frac{3}{4}$ " stock
Machining	<u>Lathes</u> - Engine - 48" swing x 14'
	Turret - 20" swing
	Screw machine - 1" capacity
	<u>Boring Mills</u> - Vertical - 26" clearance, 12" travel
	Horizontal - 4" spindle diameter
	<u>Drills</u> - Upright - 4" spindle diameter x 30" clearance
	Radial - 6' arm, 12" column diameter
	Turret - 6 heads, 20" clearance
	<u>Milling Machines</u> - 24" table travel
	<u>Shapers</u> - 20" stroke
	<u>Planers</u> - 8' L x 24" T x 24" V travel
	<u>Saws</u> - Reciprocating - 4" square
	Band - 24" throat clearance
	Circular - 20" diameter
	<u>Grinders</u> - External - 8" wheel
	Internal - 4" wheel
	Surface - 8" x 24"
Fabricating	<u>Welding</u> - Spot and arc - all types, sizes, and capacities

SPECIAL FACILITIES

Equipment includes numerous specific application machines.

ADDITIONAL INFORMATION

Company is considered a precision shop. Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Contract manufacturers.

DESIGN ENGINEERING, INC.

Highway 27, South, Bremen, Ga.

Employees: 4

EQUIPMENT CAPABILITIES

Forming	<u>Presses</u> - Mechanical OBI - 75 ton <u>Brakes</u> - Press - 50 ton <u>Ironworkers</u> - 65 ton
Machining	<u>Drills</u> - Upright Radial - 1" column diameter <u>Saws</u> - Reciprocating - Peerless 10" x 10" Band - Kalamazoo - Horizontal Circular - abrasive 22" diameter
Fabricating	<u>Welding</u> - MIG, 250 amp., TIG - 300 amp.
Finishing	<u>Sand blasting</u> - 300 pound capacity

PRINCIPAL BUSINESS

Galvanized switch bases, miscellaneous steel fabricator.

DIXIE MACHINE PRODUCTS

P. O. Box 956, Toccoa, Ga. 30577

Employees: 18

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 50 ton - 36" clearance
Machining	<u>Lathes</u> - Engine - 24" swing x 15'6" - 72" swing x 180" Turret - #4 Warner-Swasey <u>Boring Mills</u> - Vertical - 36" clearance, 30" travel Horizontal - 4" spindle - 30" feed <u>Drills</u> - Upright - 3" spindle - 18" clearance Radial - 2'6" arm, 8" column diameter Multi-spindle - 6" travel, 9" diameter <u>Milling Machines</u> - Horizontal - table 30" Vertical - table 24" <u>Shapers</u> - Universal - 20" stroke

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Saws - Band - 16" throat clearance

Grinders - External - 10" x 42"

Internal - 8" x 12"

Surface - 8" x 12"

Gear-Making Machines - G & E Hob - 18" diameter x 8" face

Fabricating Welding - Arc - 300 amp. transformer

PRINCIPAL BUSINESS

Polyethylene film equipment and printing equipment.

DREVER SOUTHERN METAL TREATING OF GEORGIA, INC.

1590 Huber St., N. W., Atlanta, Ga.

Employees: 6

EQUIPMENT CAPABILITY

Heat Treating - Furnaces available for hardening,
tempering, annealing, and case
hardening of all metals. Capacity
1,000 pounds per hour

Stress Relieving - 15' x 7' x 4'
10' x 47"

ADDITIONAL INFORMATION

Bright hardening, bright annealing, copper brazing with atmospheric control.

PRINCIPAL BUSINESS

Commercial heat treating of ferrous and nonferrous metals.

DUBIE-CLARK CO., DIVISION OF BANNER INDUSTRIES, INC.

P. O. Box 790, Toccoa, Ga. 30577

Employees: 170

EQUIPMENT CAPABILITY

Forming Presses - Mechanical - 120 ton - 18" clearance

Shears - 10' of $\frac{1}{2}$ " stock

Brakes - 14' of $\frac{1}{4}$ " stock

Bending Rolls - 10' of $\frac{1}{4}$ " stock

(continued)

Machining	<u>Lathes</u> - Engine - 24" swing x 8' Turret - 28" swing x 6' Automatic - P. J. 400 <u>Boring Mills</u> - Vertical - 14' clearance - 8' travel Horizontal - 3" spindle - 15" feed Jig Borer - Horizontal - 4' x 4' <u>Drills</u> - Upright - 2" spindle - 24" clearance Radial - 8' arm - 18" column diameter <u>Milling Machines</u> - #5 - 48" table travel <u>NC Operation</u> - Boring, milling, drilling, lathe work <u>Shapers</u> - Vertical - 6" stroke <u>Planers</u> - 3' L x 6' T x 6' V travel <u>Saws</u> - Reciprocating - 8" x 8" Band - 24" throat Circular - 16" diameter <u>Grinders</u> - External - Cylindrical 10" x 8' <u>Broaching Machines</u> - 6' stroke
Fabricating	<u>Welding</u> - Arc - 600 amp.
Finishing	<u>Painting</u> - 14' x 36' spray booth, air spray

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Patterson pump manufacturers, special wheels, custom fabrications, machining.

DYE SHEET METAL PRODUCTS, INC.

P. O. Box 1664, Athens, Ga.

Employees: 20

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical OBI - 26 ton <u>Shears</u> - 10' of 3/16" stock <u>Brakes</u> - 10' of 3/16" stock - 100 ton <u>Bending Rolls</u> - 5' of 3/16" stock
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Machining Saws - Reciprocating - 6" diameter
 Band - 24" throat clearance
 Circular - 22" diameter

Fabricating Welding - Resistance and heliarc - all types, sizes and capacities

Peer custom spot welder

PRINCIPAL BUSINESS

Custom metal fabricator.

EQUIPMENT SPECIALTIES CORP.

Box 4321, Macon, Ga.

Employees: 20

EQUIPMENT CAPABILITY

Forming Presses - Mechanical SS - 190 ton - 28" clearance
Hydraulic - 150 ton - 48" RL - 12" S.H.

Shears - 20' of 3/4" stock

Brakes - 16' - 400 ton

Roll Former - 3" - 14 pass, 36" roll space with 100 ton cutoff

Machining Drills - Radial - 4' arm - 14" column diameter

Milling Machines - #3 - 36" travel

Saws - Circular - 31" diameter

ADDITIONAL INFORMATION

Rail siding under 10 ton, 60' span overhead crane.

PRINCIPAL BUSINESS

General fabrications, rail car components.

EVANS METAL CO.

740 Lambert Drive, Atlanta, Ga.

Employees: 60

SPECIAL FACILITIES AND CAPABILITIES

Company smelts and manufactures lead products. Has blast and reverberatory furnaces, rolling mill, extrusion presses, and soldering machines.

PRINCIPAL BUSINESS

Sheet lead, lead pipe and fittings, lead brick, and lead roof flashings.

EVANS TOOL AND DIE

2961 Alston Dr., S. E., Atlanta, Ga. 30317

Employees: 15-20

EQUIPMENT CAPABILITY

Forming

Presses - Mechanical OBI - 200 ton

Lathes - Engine - 16" swing x 84"

Drills - Upright - 24" clearance

Radial - 5' arm, 11" column diameter

Multi-spindle - 8" spindle travel, 12" spindle clearance

Milling Machines - 30" table travel

Shapers - 28" stroke

Planers - 12' L x 36" T x 36" V travel

Saws - Band - 18" throat clearance, cutoff

Grinders - Surface - 30" x 86"

SPECIAL FACILITIES

B & L Comparator and Stereo Microscope.

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Tools and dies, metal stampings for the lighting fixture industry.

FARMMASTER PRODUCTS CO.

P. O. Box 160, East Dublin, Ga.

Employees: 60

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 4 ton
	Hydraulic - 5 ton
	<u>Shears</u> - 30' of 14 gauge s/s

SPECIAL FACILITIES

Swanson rolling mill with 11 stand rollers and cutoff machine, Yoder
slitter.

ADDITIONAL INFORMATION

Rail siding equipped to handle boxcars.

PRINCIPAL BUSINESS

Aluminum and galvanized farm gates, chain link gates.

J. J. FINNIGAN CO., INC.

Box 125, Duluth, Ga. 30136

Employees: 105

EQUIPMENT CAPABILITY

Forming	<u>Shears</u> - 12' of $\frac{1}{2}$ " stock
	<u>Brakes</u> - 12' of $\frac{3}{8}$ " stock
	<u>Bending Rolls</u> - 12' of $\frac{3}{4}$ " stock
Fabricating	<u>Welding</u> - Arc - all sizes and types

PRINCIPAL BUSINESS

Alloy and steel pressure vessels, plate work.

FLYNT'S AUTO MACHINE SHOP

Wright St., Pelham, Ga.

Employees: 11

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 70 ton <u>Shears</u> - 48" of 11 gauge s/s <u>Brakes</u> - 48" of 11 gauge s/s <u>Bending Rolls</u> - 72" of 11 guage s/s <u>Punch Shears</u> - Punch $\frac{1}{2}$ " plate shear 4" x 4" x $\frac{3}{8}$ " angles, $\frac{5}{8}$ " x 6" flat
Machining	<u>Lathes</u> - Engine - 30" swing x 86" Turret - #3 Gisholt <u>Boring Mills</u> - Jig Borer - Knight Model 30 <u>Drills</u> - Upright - #3 MT - 17" clearance Radial - 36" arm - 11" column diameter <u>Milling Machines</u> - #3 - 36" table travel <u>Shapers</u> - Ram - 17" <u>Saws</u> - Reciprocating - 4" Band - 10" throat clearance <u>Grinders</u> - Surface - Thompson hydraulic 6" x 18"
Fabricating	<u>Welding</u> - Arc - 250 amp.

PRINCIPAL BUSINESS

Job shop.

FRANKLIN PRODUCTS CORP. - CHEF DIVISION

Kelly and Dividend Drives, Peachtree City, Ga.

Employees: 50

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 250 ton - 23" clearance <u>Shears</u> - 8' of 10 gauge s/s <u>Brakes</u> - 8' - 90 ton
Machining	<u>Lathes</u> - Engine - 12" swing x 24"

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Turret - 14" swing x 30"

Automatic - 6 spindles - 6" chuck, 12" travel

Drills - Multi-spindle - 3" travel - 14" clearance

Milling Machines - #3 - 39" table travel

Saws - Band - 30" throat

Fabricating Welding - Spot - 50 KVA - 36" throat, 6" gap

 Arc - 300 amp.

Finishing Painting - Phosphate primer and baked enamel (spray)

 painting

PRINCIPAL BUSINESS

Restaurant and institutional cooking equipment.

FULGHUM INDUSTRIES, INC.

P. O. Box 618, Drawer G, Wadley, Ga.

Employees: 65

EQUIPMENT CAPABILITY

Forming Brakes - 10' of 3/8" stock

Bending Rolls - 8' of 3/8" stock

Machining Lathes - Engine - 42" swing x 24"

Boring Mills - Vertical - 96" clearance, 5' travel

 Horizontal - 5" spindle diameter, 28" feed

Drills - Radial - 6' arm, 24" column diameter

Milling Machines - #5 - 52" table travel

Saws - Band - 18" throat

 Circular - 24" diameter

Finishing Heat Treating - Lepal H.F. induction heating - KVA 23.5

Stress Relieving - 12' x 13' x 4'

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Job shop, waste wood utilization equipment.

G & L STEEL COMPANY

Box 660, Fitzgerald, Ga.

Employees: 30

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 140 ton
	<u>Shears</u> - 12' of 3/16" stock
	<u>Brakes</u> - 14' of 3/16" stock
Machining	<u>Saws</u> - Circular - 20" diameter
Fabricating	<u>Welding</u> - Arc - 300 amp.

ADDITIONAL INFORMATION

Two rail sidings for gondolas and boxcars equipped with overhead unloading crane.

PRINCIPAL BUSINESS

Production runs of formed frame sections: mobile homes and galvanized roofs.

GAINESVILLE IRON WORKS, INC.

890 Main Street, S. W., Gainesville, Ga.

Employees: 60

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 400 ton - 16' clearance
	<u>Shears</u> - 12' of 3/4" stock
	<u>Brakes</u> - 16' of 5/16" stock
Machining	<u>Lathes</u> - Engine - 19" swing x 72"
	<u>Drills</u> - Upright - 7" spindle diameter x 20" clearance
	<u>Saws</u> - Reciprocating - 11" x 11"
	Band - 18" throat
	Circular - 46" diameter
Fabricating	<u>Welding</u> - Arc - 500 amps.
Finishing	<u>Painting</u> - Airless

PRINCIPAL BUSINESS

Steel items.

GEORGIA MACHINE & MANUFACTURING CO.

P. O. Box 563, Vidalia, Ga.

Employees: 50

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 45 ton
	Hydraulic - 75 ton
	<u>Shears</u> - 6' of 16 gauge s/s
	Rotary - 20" diameter
	Angle - 6' x 6½"
	<u>Brakes</u> - 6' of 16 gauge s/s
	<u>Bending Rolls</u> - 24" of 10 gauge s/s
Machining	<u>Lathes</u> - Engine - 20" swing
	<u>Boring Mills</u> - Vertical index mill
	<u>Drills</u> - Upright - Cincinnati 18 Royal
	Radial - Cincinnati #3A
	Turret - 4 heads - 24" clearance
	<u>Milling Machines</u> - #3
	<u>NC Operation</u> - True Trace milling - 20" x 20"
	<u>Shapers</u> - 24" stroke
	<u>Saws</u> - Band Do All 30" - Circular 30"
	Reciprocating - 12" x 12"
<u>Grinders</u> - Surface - 18" x 72"	
<u>Electrical Machining</u> - EDM	
Fabricating	<u>Welding</u> - Spot - 20 KVA - throat 18, gap 18
	Arc - 200 amp.
	Brazing - Heliarc
Finishing	<u>Plating</u> - Phosphate-chromate conversion

SPECIAL FACILITIES

18" x 24" 18 Station turret tape controlled punch press

ADDITIONAL INFORMATION

Stenciling, silkscreening, and engraving.

PRINCIPAL BUSINESS

Sheet metal fabrication, precision machining.

GEORGIA PACIFIC PUMP CO.

Box 367, Vienna, Ga.

Employees: 20

EQUIPMENT CAPABILITY

Machining Lathes - Turret - 22" swing x 72"
 Drills - Upright - 4" spindle - 40" clearance
 Saws - Circular - 8" diameter

PRINCIPAL BUSINESS

Electric water systems.

GEORGIA STEEL INC.

1825 Fuller St., Macon, Ga. 31202

Employees: 350

EQUIPMENT CAPABILITY

Forming Shears - 20' of 3/4" stock
 Brakes - 12' of 5/16" stock
 Bending Rolls - 10' of 3/4" stock
 Angle roll - 6" x 6" x 3/4"
 Ironworker - shearing and punching

Machining Drills - Upright - 3" spindle diameter x 20" clearance
 Radial - 6' arm x 10" column diameter
 Saws - Band - 20" throat
 Circular - 55" diameter

Fabricating Welding - Heliarc - 500 amp, MIG, 300 amp.

Finishing Painting - Airless and conventional
 Sandblasting

SPECIAL FACILITIES

Whitney beam lines - 100 ton automatic punches (36" capacity), Whitney
845A Clipmaster, Heath Rectilinear 4 torch cutting machine 6" x 53" x 20'.

PRINCIPAL BUSINESS

Plate and structural fabricators and erectors.

GOLDEN'S FOUNDRY AND MACHINE CO.

6th Ave. and 12th St., Columbus, Ga.

Employees: 310

EQUIPMENT CAPABILITY

Machining	<u>Lathes</u> - Engine - 24" swing x 12' Turret - 24" diameter x 48" Vertical - 56" diameter - 38" vertical Automatics - single-spindle chucking - 12" diameter, 9" feed stroke, sizes 1, 2, 3 <u>Boring Mills</u> - Vertical - 120" diameter - 72" vertical Horizontal - 2½" spindle x 18" feed <u>Drills</u> - Upright - 18" clearance Radial - 5' x 13" <u>Milling Machines</u> - #4 - 42" table travel <u>Shapers</u> - 24" stroke <u>Planers</u> - 48" L x 24" T x 24" V travel <u>Grinding</u> - External - 12" x 36" Surface - 12" x 24" <u>Broaching Machines</u> - La Pointe 2L Horizontal - 18" - 1 ton
Fabricating	<u>Welding</u> - Arc - 300 amp.
Finishing	<u>Heat Treating</u> - Annealing 10' x 14' x 4'
Casting	Gray iron, ductile iron, and nonferrous castings - CO ₂ sand molds. Castings up to 10,000 pounds - 2 electric furnaces total melt rate 30,000 pounds per hour

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Power transmission equipment; gray iron, ductile iron, and alloy iron castings.

GREENFIELD METAL PRODUCTS CO., INC.

Box 26, Ellaville, Ga.

Employees: 40

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical OBI - 100 ton
	<u>Shears</u> - 52" of 16 gauge s/s
	<u>Brakes</u> - 8' of 14 gauge s/s
Machining	<u>Lathes</u> - Engine - 13" swing x 42"
	Turret - 14" swing x 10"
	<u>Drills</u> - Upright - 2" spindle diameter x 18" clearance
	<u>Milling Machines</u> - 22" table travel
	<u>Saws</u> - Band - 13" throat clearance
	<u>Grinders</u> - Combination 5" x 36" and 10" x 6"
Fabricating	<u>Welding</u> - Spot - 25 KVA
	Arc - 300 amp.

PRINCIPAL BUSINESS

Display equipment, tire truing machinery and shelving.

GRIFFIN FOUNDRY & MANUFACTURING CO.

Decatur St., Rome, Ga.

Employees: 40

EQUIPMENT CAPABILITY

Casting	Gray iron using sand molds - capacity 10 tons per hour.
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ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Gray iron castings.

GULF EQUIPMENT - MCGRAW-EDISON COMPANY

1595 Mountain Industrial Blvd., Stone Mountain, Ga.

Employees: 50

EQUIPMENT CAPABILITY

Forming	<u>Press</u> - Hydraulic - 30 ton quick change
	<u>Shears</u> - 12' of 3/16" mild steel
	<u>Brakes</u> - 13' of 1/4" mild steel
Machining	<u>Saws</u> - 14" abrasive cut-off
Fabricating	<u>Welding</u> - Spot - 20 KVA - 36" throat 12" gap
	Arc - MIG, 250 amp. 24" x 36"
	Welding positioner

SPECIAL FACILITIES

12 gauge capacity Trumpf nibbling and slotting machine.

PRINCIPAL BUSINESS

Commercial food service equipment.

HABERSHAM METAL PRODUCTS CO.

180 Stonecypher Rd., Cornelia, Ga.

Employees: 75

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 50 ton
	<u>Shears</u> - 10' of 1/4" stock
	<u>Brakes</u> - Press - 250 ton
	<u>NC Operation</u> - Whitney NC Panelmaster punch
Fabricating	<u>Welding</u> - Spot - 150 KVA
Finishing	<u>Painting</u> - Nordson airless heated

SPECIAL FACILITIES

Wales Strippit duplicator; automatic welder, spot and wires.

PRINCIPAL BUSINESS

Steel doors and door frames.

HARRIS PRESS AND SHEAR CORP.

108 South 9th St., Cordele, Ga.

Employees: 400

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 300 ton <u>Shears</u> - 10' of 3/8" stock
Machining	<u>Lathes</u> - Engine - 58" swing x 45' Turret - 18" swing x 34" Automatic - J & L - ATL 2½" x 24" Warner & Swasey chucker - 9½" swing x 6" <u>Boring Mills</u> - Horizontal - 6" diameter bar x 4' spindle travel, 26' H x 8' V travel 5" diameter bar x 45" spindle travel, 40' H x 7' V travel Table Type - 4" diameter bar x 30" spindle travel, 60" H x 36" V travel <u>Drills</u> - Radial - 6' arm - 16" column diameter <u>Milling Machines</u> - Dial type #4 - 34" travel Vertical #5 - 50" travel Hydro-Tel 3-spindle - 62" travel <u>NC Operation</u> - Drilling, Boring, Milling, Lathe Work <u>Shapers</u> - Smith and Mills - 36" stroke <u>Grinders</u> - Vertical spindle - 12' table travel Internal #74 Heald, 15" capacity <u>Broaching Machines</u> - Horizontal - 78" stroke
Fabricating	<u>Welding</u> - Arc - 600 amp.
Finishing	<u>Plating</u> - Hard chrome - 12" x 15" x 18" <u>Heat Treating</u> - Piston rod flame hardener - capacity 20" x 25' <u>Stress Relieving</u> - Formula "62" - vibration

ADDITIONAL INFORMATION

Company is considered a precision shop. Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Hydraulic baling presses and shears; other machinery.

HARVEY HUBBELL, INC. LIGHTING DIVISION

Box 725, Moultrie, Ga.

Employees: 100

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical OBI - 25 ton - 15" clearance Hydraulic - 20 ton - 18" clearance <u>Forging</u> - Press - 600 ton
Machining	<u>Lathes</u> - Engine - 27" swing x 48" <u>Drills</u> - Upright - 3" spindle x 18" clearance Radial - 5' arm x 12" column diameter Multi-spindle - 6" spindle travel - 15" clearance <u>Milling Machines</u> - Horizontal - Graves - 6' table travel Vertical - #4 Cincinnati <u>Shapers</u> - Horizontal - 18" stroke <u>Saws</u> - Band - 10" throat <u>Grinders</u> - Surface - 15" x 12" x 24" chuck
Fabricating	<u>Welding</u> - Arc - 250 amp.
Casting	Aluminum die casting - gas - 10 ton per day

SPECIAL FACILITIES

Vibrasheen (vibrator) machines for finishing.

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Aluminum die castings.

HAVEN MANUFACTURING CORP.

Route 3, Box 112, Brunswick, Ga.

Employees: 80

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical SS - 300 ton - 48" S. H. Hydraulic - 1,500 ton - 28" S. H. <u>Shears</u> - 8' of $\frac{1}{2}$ " stock
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(continued)

Machining	<u>Lathes</u> - Engine - 18" swing x 54" Turret - 12" swing <u>Boring Mills</u> - Horizontal - 4" spindle diameter 24" feed Jig borers - Moore #3 <u>Drills</u> - Upright 2½" spindle diameter x 24" clearance Radial - 6' arm x 18" column diameter <u>Milling Machines</u> - Milwaukee #4 - 12" x 40" travel <u>NC Operation</u> - Boring, milling, drilling <u>Shapers</u> - Hydraulic - 36" stroke <u>Planers</u> - 9' L x 32" T x 32" V travel <u>Saws</u> - Band - 36" throat <u>Grinders</u> - External - B & S #4 Universal - 12" x 60" Surface - 36" diameter - 14" x 60"
Fabricating	<u>Welding</u> - Spot - 35 KVA - 18" throat Heliarc - 350 amps.
Finishing	<u>Heat Treatment</u> - Electric

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Tools, dies, special machinery, stampings.

HOLT SHEET METAL WORKS, INC.
 210 Hammond Drive, Griffin, Ga.
 Employees: 18

EQUIPMENT CAPABILITY

Forming	<u>Shears</u> - 10' of ¼" stock <u>Brakes</u> - 12' of 11 gauge s/s <u>Bending Rolls</u> - 61" of 3/16" stock <u>Ironworkers</u> - 4" x 4" x ½" - 3/8" x 9" - 1-1/16" through ½" plate punch
Machining	<u>Lathes</u> - Engine - 24" swing x 159" <u>Drills</u> - 3" spindle - 14" clearance <u>Saws</u> - Band - 9" x 16" clearance

(continued)

Fabricating Welding - Spot - 12 KVA - 24" throat, 3" gap
Arc - 300 amp.

PRINCIPAL BUSINESS

Contract sheet metal fabricator.

JOHNSON & BROWN MACHINE WORKS, INC.

521 Marietta St., N. W., Atlanta, Ga.

Employees: 16

EQUIPMENT CAPABILITY

Forming Presses - Mechanical Arbor - 20 ton - 10" clearance
Hydraulic - 50 ton - 15" clearance

Machining Lathes - Engine - 30" swing x 9'
Turret - 16" swing x 4'
Milling Machines - Brown & Sharpe - 36" travel
Saws - Band - 10" clearance, Do All Vertical 16" clearance
Broaching Machines - Davis #4 - 8" stroke
Gear-Making Machines - G. & E. - 30" diameter

Fabricating Welding - Arc - Lincoln - 500 amp.
Heliarc - Miller

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Soil test equipment, alloy pipe fittings, and general machine work.

JOHNSTON AUTOMATIC MACHINE PARTS CO., INC.

1029 14th St., Columbus, Ga.

Employees: 20

EQUIPMENT CAPABILITY

Machining Lathes - Engine - 13" swing x 5'
Turret - 1½"
19 screw machines - Brown & Sharpe 1½"
National Acme RA6 - 1½"

(continued)

Milling Machines - Richmond $\frac{1}{2}$ " vertical

Saws - Band - 10 speed NS 18-10

Stone - M14

Grinders - Centerless grinding

Finishing Heat treating furnaces to 2,400°F, Roto finish machine

PRINCIPAL BUSINESS

Production orders of screw machine products.

JONESBORO TOOL AND DIE CORP.

Box 576, Turner Rd., Jonesboro, Ga.

Employees: 20

EQUIPMENT CAPABILITY

Forming Presses - Mechanical - OBI - 65 ton - 14" clearance
Hydraulic - 100 ton - 22" clearance

Machining Lathes - Engine - 19" swing x 72"
Drills - Upright - 3" spindle - 36" clearance
Radial - 5' arm - 13" column diameter
Multi-spindle - 6" travel - 24" clearance
Milling Machines - #3 - 12" x 36" table travel
Shapers - Vertical - 36" stroke
Saws - Band - 36" throat
Grinders - Surface - 104" Blanchard

Fabricating Welding - Arc - 250 amp.

SPECIAL FACILITIES

3D Duplicating special hydraulic machine.

PRINCIPAL BUSINESS

Automotive special machines.

LAGRANGE IRON WORKS

Morgan St., LaGrange Ga. 30240

Employees: 40

EQUIPMENT CAPABILITY

Machining	<u>Lathes</u> - Engine - 40" swing x 54" Turret - #5 Warner & Swasey 9" x 9" automatic chuck lathe <u>Drills</u> - Upright - #3MT - 20" clearance P & W - deep hole drill - 1" x 84" Radial - 48" arm x 12" column diameter <u>Milling Machines</u> - #3 <u>Gear-Making Machines</u> - G. & E. gear hobber - 3 pitch 60" diameter <u>Grinders</u> - 14" x 40" cylindrical
Fabricating	<u>Welding</u> - MIG
Casting	Metals cast - gray iron Casting methods - sand, limited volume of CO ₂ mold, Furan Resin Bonded Molding System Melting equipment - 30" diameter cupola - 1,800 lb. melt, 6 ton/hours

PRINCIPAL BUSINESS

Gray and alloyed iron castings, one pound to one ton, rough and finished, product design and assembly.

THE LERIO CORP.

Valdosta, Ga.

Employees: 30

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 200 ton <u>Shears</u> - 12' of 10 gauge s/s <u>Brakes</u> - 8' of 12 gauge s/s <u>Bending Rolls</u> - 6' of 18 gauge s/s
Machining	<u>Lathes</u> - Engine - 24" swing x 96"

(continued)

Boring Mills - Horizontal - 42" feed
Milling Machines - 54" table travel
Planers - 12' L x 42" T x 42" V travel
Grinders - 6" x 18"

Fabricating Welding - Spot - 50 KVA - 36" throat depth, 4" gap
 Arc - 300 amp.

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Steel containers (drums, flower pots, and cups).

LOUISVILLE TOOL & ENGINEERING, INC.
Industrial Airpark, Louisville, Ga.
Employees: 20

EQUIPMENT CAPABILITY

Forming Presses - Mechanical - 100 ton
 Shears - 10' of 10 gauge s/s
 Brakes - 8' - 60 ton

Machining Lathes - Engine - 26" diameter swing x 100"
 Turret - 10" swing x 20"
 Boring Mills - Jig borer, SIP 24" x 32"
 Drills - Upright - 1½" diameter x 20" clearance
 Radial - 54" arm x 14" column diameter
 Milling Machines - #3 - 42" travel
 Saws - Band - 18" throat
 Grinders - Surface - 12" x 30"

Fabricating Welding - Spot - 50 KVA - 24" throat
 MIG - 315 amp.

Finishing Painting - Spraybooth, baking oven - batch type,
 degreasing tank 3' x 3' x 6'
 Heat Treating - 10" x 10" x 18"

ADDITIONAL INFORMATION

Company is considered a precision shop.

(continued)

PRINCIPAL BUSINESS

Sheet metal fabrication, tool & die work.

LOW TEMP MANUFACTURING CO., INC.

Box 795, Jonesboro, Ga.

Employees: 80

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 75 ton Hydraulic - 200 ton <u>Shears</u> - 10' of 10 gauge s/s <u>Brakes</u> - 10' of 10 gauge s/s <u>Bending Rolls</u> - 10' of 10 gauge s/s
Fabricating	<u>Welding</u> - Spot - 50 KVA Arc - 400 amp.

PRINCIPAL BUSINESS

Custom stainless steel fabrication, food service equipment.

MACON MACHINE SHOP, INC.

(GEORGIA STEEL ERECTORS & FABRICATORS)

313 Walnut St., Macon, Ga. 31202

Employees: 26

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 200 ton - 3' clearance <u>Shears</u> - 10' of $\frac{1}{4}$ " stock <u>Brakes</u> - 10' of $\frac{1}{2}$ " stock <u>Bending Rolls</u> - 10' of 1" stock
Machining	<u>Lathes</u> - Engine - 48" swing x 12" <u>Boring Mills</u> - Vertical - 72" clearance x 60" travel <u>Drills</u> - Upright - 3" spindle diameter, 14" clearance Radial - 4' - 9" column diameter <u>Milling Machines</u> - #3 - 40" travel <u>Planers</u> - 12' L x 2' T x $1\frac{1}{2}$ ' V travel

(continued)

Saws - Reciprocating - 11"

Band - 20" throat clearance

Fabricating Welding - Heliarc - 500 amp.

Acetylene, arc

Finishing Painting - Airless and conventional

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Job shop.

MACUCH STEEL PRODUCTS, INC.

1527 Augusta Ave., Augusta, Ga.

Employees: 32

EQUIPMENT CAPABILITY

Forming Shears - Hydraulic - 12' of $\frac{1}{2}$ " stock

Ironworkers - $\frac{1}{2}$ " Universal - punch, shear, notch, and cope

Concrete reinforcing steel bar bender - 2"
round - 1-3/4" square

Machining Drills - Upright - 1 $\frac{1}{4}$ " spindle diameter x 10 $\frac{1}{2}$ " clearance

Saws - Band - 18" clearance

Grinders - External - air - 6" cup wheel - 9" disc wheel

Fabricating Welding - Arc - 600 amp.

3/4" capacity KSM stud welder

Cutting - #10 Radigraph portable flame cutting machine

SPECIAL FACILITIES

Automatic beam punch.

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas, boxcars, and 100' cars.

PRINCIPAL BUSINESS

Fabricated structural steel for the construction industry.

MADISON INDUSTRIES INC. OF GEORGIA

1035 S. Access Rd., Conyers, Ga.

Employees: 100

EQUIPMENT CAPABILITY

Forming	<u>Shears</u> - 20' of 3/8" stock
	<u>Brakes</u> - 20' of 3/16" stock
Fabricating	<u>Welding</u> - Spot - 65 KVA - 32" depth, 16" gap
	Arc - 300 amp. - Lincoln & Hobart

SPECIAL FACILITIES

Complete porcelain enamel plant with 30' straight line furnaces.

PRINCIPAL BUSINESS

Pre-engineered service stations, steel buildings.

MAIN STEEL POLISHING COMPANY INC. OF GEORGIA

761 Bedford St., N. W., Atlanta, Ga.

Employees: 8

EQUIPMENT CAPABILITY

Finishing	<u>Polishing</u> - Wide belt polishing machines, 48" x 165", for polishing stainless steel and aluminum sheets to any grit finish
	Thickness range .020" to .175"

PRINCIPAL BUSINESS

Stainless sheet polishing.

McCANN MACHINE CO., INC.

Collins Industrial Drive, Box 5040, Athens, Ga.

Employees: 12

EQUIPMENT CAPABILITY

Machining	<u>Lathes</u> - Engine - 20" swing x 96"
	Turret - 18" swing x 48"
	<u>Boring Mills</u> - Vertical - 36" clearance - 20" travel

(continued)

Drills - Upright - 3" spindle - 12" clearance
Milling Machines - Various with table travel to 50"
Saws - Reciprocating - 10"
 Band - 18" throat
 Circular - 12" diameter
Grinders - External - Cincinnati - 24"
 Internal - Cincinnati - 24"

Finishing Heat Treating - Johnson furnace - 2,000°

SPECIAL FACILITIES

Three dimensional duplicators.

PRINCIPAL BUSINESS

Precision machined parts.

METALCRAFTS, INC.

3 Magazine Ave., Savannah, Ga.

Employees: 50

EQUIPMENT CAPABILITY

Forming Shears - 10' of $\frac{1}{4}$ " stock
 Brakes - 10' of $\frac{1}{4}$ " stock
 Bending Rolls - 9' of $\frac{1}{2}$ " stock

Fabricating Welding - Spot - 10 KVA - 20" throat depth, $4\frac{1}{2}$ " gap
 Arc - 250 amp, MIG, TIG

PRINCIPAL BUSINESS

Industrial sheet metal, duct work, dust systems, air conditioning.

METAL EQUIPMENT CO.

P. O. Box 153, Savannah, Ga.

Employees: 70

EQUIPMENT CAPABILITY

Forming Presses - Mechanical - 150 ton
 Shears - 10' of $\frac{5}{8}$ " stock
 Brakes - 10' of $\frac{1}{4}$ " stock

(continued)

Bending Rolls - 18' of 1½" stock

Ring and circle shears - ½" stock x 12' diameter

Flanging machine - 3/8" stock x 12' diameter

Offsetter - 3/8" capacity

Ironworkers - 3" x 3" x 3/8"

Buffalo angle roll 3" x 3" x 3/8"

72" x 7 gauge McKay 17 roll roller leveler

Machining

Lathes - Engine - 21" swing x 120"

Boring Mills - Vertical - 60" clearance, 30" travel

Drills - Upright - 2" spindle diameter x 20" clearance

Radial - 5' arm - 13" column diameter

Milling Machines - #1 - 24" table travel

Shapers - American - 16" stroke

Saws - Reciprocating - 6" x 6"

Band - 36" clearance

Circular - 48" diameter

Fabricating

Welding - Submerged arc and CO₂ - argon and helium automatic and semiautomatic - 1,000 amp.

Automatic seam and girth welders - 14" diameter x 30' long to 25 ton

Automatic tracer burning machine

Finishing

Sandblasting equipment and room 20' x 20' x 40'

SPECIAL FACILITIES

Decoiler and roller leveler - 3/16" x 6' capacity.

ADDITIONAL INFORMATION

Company is considered a precision shop. Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Steel, aluminum, stainless steel, and alloy tanks, stacks, and custom fabrications.

METAL FABRICATORS, INC.

1174 McDonald Dr., S. E., Atlanta, Ga.

Employees: 30

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 45 ton OBI <u>Shears</u> - 12' of $\frac{1}{4}$ " mild steel <u>Brakes</u> - 12' of 10 gauge s/s - 150 ton 48" Pulmax <u>Ironworkers</u> - Mubea - 4" x 4" x $\frac{1}{4}$ " angle capacity
Machining	<u>Lathes</u> - Engine - South Bend - 10" swing x 36" <u>Drills</u> - Upright - 1" spindle diameter <u>Milling Machines</u> - Horizontal - Burke (small) Vertical - Bridgeport <u>Saws</u> - Band - Do All (vertical) - 30" throat Do All (horizontal) automatic indexing - 12" x 16"
Fabricating	<u>Welding</u> - Spot - 30 KVA - 30" throat depth Arc - 400 amp. Heli-arc

PRINCIPAL BUSINESS

Contract fabricators.

MID STATES SCREW & BOLT CO.

8-9th St., Augusta, Ga.

Employees: 35

EQUIPMENT CAPABILITY

Forming	<u>Shears</u> - 7" radial of 1" stock
Machining	<u>Lathes</u> - Engine - 12" swing x 36" Screw machines - 14" spindles $\frac{3}{4}$ " to 4" capacity <u>Drills</u> - Upright - 1" spindle diameter x 15" clearance <u>Saws</u> - Circular - 16" diameter <u>Grinders</u> - External - Baldor 10" x 18"
Fabricating	<u>Welding</u> - Arc - 225 amp.

PRINCIPAL BUSINESS

Fasteners.

MIDVILLE TOOL AND DIE CO., INC.

Box 274, Midville, Ga.

Employees: 8

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Machanical OBI - 60 ton - 18" clearance Hydraulic - 25 ton - 48" clearance
Machining	<u>Lathes</u> - Engine - 18" swing x 100" Turret - 1" stock - 40" between centers <u>Boring Mills</u> - Jig borer - Bridgeport vertical w/optics - 24" table <u>Drills</u> - Upright - 2" spindle Multi-spindle - 36" travel <u>Milling Machines</u> - Vertical - 42" table travel Horizontal - #2 <u>Saws</u> - Band - 15" throat <u>Grinders</u> - 12" x 24"
Fabricating	<u>Welding</u> - Arc - 200 amp.
Finishing	<u>Heat Treating</u> - Electric 12" x 18" oven

PRINCIPAL BUSINESS

Dies, jigs and fixtures, stampings, custom machinery.

NVF - FISHER DIVISION

300 Fisher Drive, Hartwell, Ga.

Employees: 90

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 120 ton - 22" clearance Hydraulic - 70 ton - 24" clearance <u>Shears</u> - 10' of 3/16" stock <u>Brakes</u> - 10' of 3/16" stock <u>Bending Rolls</u> - 8' of 1/8" stock <u>Ironworkers</u> - Buffalo
Machining	<u>Saws</u> - Reciprocating - 8" x 8"

(continued)

Band - 24" throat

Grinders - Abrasive - 6" x 8" x 24"

Fabricating Welding - Spot - 100 KVA - 48" throat, 12" gap
Arc - NCG - 500 amp.

Finishing Painting - Electrostatic and air brush

PRINCIPAL BUSINESS

Materials handling equipment.

NATIONAL METAL PRODUCTS CO.

Central of Georgia Terminal, Savannah, Ga.

Employees: 11

EQUIPMENT CAPABILITY

Forming Presses - Mechanical - light
Shears - 36" of 22 gauge s/s
Brakes - 10' of 22 gauge s/s

SPECIAL FACILITIES

Rotary gang slitters - 48" - 22 gauge.

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Sheet metal products.

NEWCOMB SPRING OF ATLANTA, INC.

5408 Panola Industrial Way, Lithonia, Ga.

Employees: 30

SPECIAL FACILITIES

All of this company's machines are especially for the manufacture of springs and wire forms.

PRINCIPAL BUSINESS

Springs and wire forms.

NORRIS MACHINE AND FABRICATORS, INC.

P. O. Box 7266, Garden City, Ga. 31408

Employees: 23

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 150 ton
	<u>Shears</u> - 10' of 3/8" stock
	<u>Bending Rolls</u> - 6' of 1/2" stock
Machining	<u>Lathes</u> - Engine - 47" swing x 13'
	<u>Drills</u> - Upright - 6" spindle diameter, 48" clearance
	Radial - 5' arm x 15" column diameter
	<u>Milling Machines</u> - #3 - 48" table travel
	#5 - 54" table travel
	<u>Saws</u> - Band - 12" throat clearance
Fabricating	<u>Welding</u> - Arc - 400 amp.

PRINCIPAL BUSINESS

General contractor, machine and fabrication shop.

NUMERICAL ENGINEERING MACHINE CO. (NEMCO)

Cochran Field, Macon, Ga.

Employees: 30

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 20 ton - 30" clearance
	<u>Shears</u> - 6' of 10 gauge s/s
	<u>Brakes</u> - 8' of 10 gauge s/s
	<u>Bending Rolls</u> - 3' of 12 gauge s/s
Machining	<u>Lathes</u> - Engine - 24" swing x 78"
	Turret - 14" swing x 24"
	<u>Drills</u> - Upright - 2" spindle diameter x 20" clearance
	<u>Milling Machines</u> - #2 - 28" travel
	<u>NC Machines</u> - Boring, milling, drilling, lathe work
	<u>Saws</u> - Band - 20" throat

(continued)

Grinders - External - plain and universal 6" x 36"
Internal - 6" x 16"
Surface - 6" x 18"

Fabricating Welding - Spot - 20 KVA - 20" throat - 8" gap
Arc - MIG, heliarc - 300 amp.

Finishing Heat Treatment - electric - 10" x 10" x 25"

ADDITIONAL INFORMATION

Computer time-sharing system with on line graphics for fast accurate
programing. Company is considered a precision shop.

PRINCIPAL BUSINESS

Precision metal parts.

R. L. PECK CO.

South Yards, Box 881, Brunswick, Ga.

Employees: N. A.

EQUIPMENT CAPABILITY

Forming Presses - 60 ton

Machining Lathes - Engine - 16" swing x 7'

Drills - Radial - 4' arm

Milling Machines - Vertical - Bridgeport J

Horizontal - #3 - Brown & Sharpe

Saws - Band - 16" throat

Fabricating Welding - Heliarc

Finishing Heat Treating - 6" x 6" x 18"

PRINCIPAL BUSINESS

Stampings, production parts.

PEKOR IRON WORKS

Box 909, Columbus, Ga.

Employees: 50

EQUIPMENT CAPABILITY

Machining	<u>Lathes</u> - Engine - 36" swing x 20' <u>Boring Mills</u> - 100" clearance
Finishing	<u>Heat Treating</u> - Annealing
Casting	Ni-Hard - 6 tons weekly

ADDITION INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Casting and machining Ni-Hard.

PERFECTION PRODUCTS CO.

McBean Hwy., Box 40, Waynesboro, Ga.

Employees: 175

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 183 ton <u>Shears</u> - 12' of 10 gauge s/s <u>Brakes</u> - 12' of 12 gauge s/s <u>Bending Rolls</u> - 6' of 12 gauge s/s
Fabricating	<u>Welding</u> - Spot - 50 KVA - 36" throat depth Arc - 600 amp.
Finishing	<u>Painting</u> - Nordson electrostatic equipment, three-stage spray phosphatizing washer, drying oven with 45-minute cycle, Nordson hot and cold airless equipment.

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Gas and oil space heaters.

PRODUCTION PLATING CO., INC.

Box 272, Adel, Ga. 31620

Employees: 100

EQUIPMENT CAPABILITY

Finishing Plating - Zinc, chrome flashing on stainless steel -
 tank size 10' x 3' x 5'

Anodizing - Bright decorative - 8' x 3' x 6'

ADDITIONAL INFORMATION

Polishing and buffing facilities for all plating and anodizing. Facilities for production finishing.

PRINCIPAL BUSINESS

Anodized and plated finished for new automotive parts, appliance parts, and general manufacturers.

QUALCO CASTING (DIVISION OF CANTON TEXTILE MILLS)

4109 Summit Circle, Acworth, Ga. 30301

Employees: 75

EQUIPMENT CAPABILITY

Finishing Heat Treating and Stress Relieving - 2 bottom dump,
 quick quench, gas fired furnaces, 7'
 x 5' x 5', for condition T-4, T-6, T-51,
 etc. (certified controls)

Casting Sand, permanent mold - shell mold - CO₂ mold and limited
 plaster mold

 Metals cast - Brass and bronze, aluminum "Almag"

 Crucible furnaces - 6 at 600 pounds - 1 at 1,000 pounds -
 15,000 pounds per day

SPECIAL FACILITIES

Include government-approved X-ray, zyglo, and heat treating.

PRINCIPAL BUSINESS

Nonferrous casting for aerospace industry and O.E.M.

QUALITY FOOD MACHINE, INC.

265 W. Washington St., Athens, Ga.

Employees: 20

EQUIPMENT CAPABILITY

Forming	<u>Shears</u> - 4' of 16 gauge s/s 4' of 18 gauge s/s 4' of 10 gauge s/s
Machining	<u>Lathes</u> - Engine - 24" swing x 8' Turret - 8" swing <u>Drills</u> - Upright - 2" spindle diameter x 24" clearance Radial - 2' length of area - 4" column diameter <u>Milling Machines</u> - 36" table travel <u>Saws</u> - Reciprocating - 6" Band - 36" throat clearance <u>Grinders</u> - Surface - 4" x 12"
Fabricating	<u>Welding</u> - Spot - 20 KVA Arc - 150 amp. Heliarc

PRINCIPAL BUSINESS

Food machinery.

RABUN METAL PRODUCTS, INC.

Tiger, Ga.

Employees: 53

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 150 ton <u>Brakes</u> - 10' of 3/8" stock
Machining	<u>Milling Machines</u> - 48" table travel <u>Saws</u> - Reciprocating - 10" x 10" Band - 36" throat clearance <u>Grinders</u> - Surface - 12" x 35"
Fabricating	<u>Welding</u> - Arc - 285 amp.

(continued)

PRINCIPAL BUSINESS

Curved veneer seats, caster wheels, job stampings, and bed rails, frames and springs.

RAINBOW MANUFACTURING CO.

Box 70, Fitzgerald, Ga. 31750

Employees: 135

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 35 ton - 8" clearance <u>Shears</u> - 10' of $\frac{1}{4}$ " stock <u>Brakes</u> - 10' of 10 guage s/s <u>Bending Rolls</u> - Angle - 2" x 2" x $\frac{1}{4}$ "
Machining	<u>Lathes</u> - Engine - 36" swing x 144" Turret - 20" swing x 60" Automatic - tracer - 16" <u>Drills</u> - Upright - 3" spindle diameter x 20" clearance Radial - 48" arm - 8" clearance Multi-spindle - 6" travel - 20" clearance <u>Milling Machines</u> - #2 - 30" table travel <u>Saws</u> - Band - 12" throat Circular - 20" diameter
Fabricating	<u>Welding</u> - MIG - 400 amp.
Casting	Aluminum sand and permanent mold casting - 400 lb./hour
Finishing	<u>Painting</u> - Airless and conventional <u>Heat Treating</u> - Circular 5' of 8' - 1,000°

PRINCIPAL BUSINESS

Irrigation equipment.

REEVES MACHINE CO., INC.

215 Peters St., S. W., Atlanta, Ga.

Employees: 12

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 75 ton
Machining	<u>Lathes</u> - Engine - 27" swing x 13'
	<u>Drills</u> - Upright - 3½" spindle - 16" clearance
	Radial - 4' arm - 11" column diameter
	Multi-spindle - 6" travel - 16" clearance
	<u>Milling Machines</u> - 36" table travel
	<u>Shapers</u> - 18" stroke
	<u>Planers</u> - 2' L x 6' T x 2' V travel
	<u>Jig Borers</u> - Vertical mill - 12" x 26" x 18"
	<u>Keyseaters</u> - Davis #5 - 4" stroke
	<u>Saws</u> - Reciprocating - 6" x 6"
	Band - 26" throat clearance
	<u>Grinders</u> - External - Dumore - Tool Post 19" x 13'
	Internal - Dumore - Tool Post 27" x 16"
Surface - Rotary - 17" diameter x 5"	
Reciprocating - 6" x 18" x 6"	
<u>Gear-Making Machines</u> - 28" diameter - 2 pitch	
Fabricating	<u>Welding</u> - Arc - gas - 275 amp.

SPECIAL FACILITIES

Metallizing - Dumore Versa Mill.

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Machine shop, special machinery.

ROME MACHINE AND FOUNDRY CO.

P. O. Box 5383, Rome, Ga.

Employees: 18

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 150 ton - 14' clearance Hydraulic straightside - special service - 50 ton - 30" BTW sides clearance Mechanical - 105 ton <u>Shears</u> - 10' of 3/16" mild steel <u>Brakes</u> - 10' of 3/16" mild steel <u>Bending Rolls</u> - 12' of 1/4" mild steel <u>Ironworkers</u> - Angle 1/4" x 4" x 4" mild steel notching Shear round rod 1 1/2" diameter
Machining	<u>Lathes</u> - Engine - 30" swing x 10' <u>Drills</u> - Upright <u>Milling Machines</u> - Horizontal and vertical <u>Shapers</u> - 24" stroke <u>Keyseaters</u> - 5" stroke <u>Saws</u> - Reciprocating - 6" Band - Horizontal and vertical <u>Grinders</u> - External - 14"
Fabricating	<u>Welding</u> - Arc - 500 amp.

PRINCIPAL BUSINESS

Stainless steel dyeing machinery.

ROME SHEET METAL WORKS, INC.

2 Carter Ave., Rome, Ga. 30161

Employees: 6

EQUIPMENT CAPABILITY

Forming	<u>Shears</u> - 10' of 16 gauge s/s <u>Brakes</u> - 10' of 16 gauge s/s <u>Bending Rolls</u> - 4' of 14 gauge s/s
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(continued)

Fabricating Welding - Spot - 7.5 KVA - 18" throat, ½" gap
Arc - 50 amp.

PRINCIPAL BUSINESS

Contracting - sheet metal, heating and air-conditioning.

ROME TOOL & DIE CO.

113 Hemlock St., Rome, Ga.

Employees: 35

EQUIPMENT CAPABILITY

Forming Presses - Mechanical OBI - 250 ton - 18" S. H.
Hydraulic - 150 ton - 36" clearance

Machining Lathes - Engine - 42" swing x 240"
Boring Mills - Vertical - 100" diameter x 6' travel
Drills - Radial - 4' arm - 12" column diameter
Milling Machines - #3 Cincinnati - 48" travel
Shapers - G & E - 36" stroke
Planers - 12' L x 48" T x 48" V travel
Saws - Reciprocating - 36"
Band - 12" throat
Grinders - Surface 36" diameter

Fabricating Welding - Arc - 300 amp.

Finishing Heat Treatment - Gas - 12" x 36"

PRINCIPAL BUSINESS

Metal stamping dies, stampings, general machine work.

ROPER PUMP CO.

Box 269, Commerce, Ga.

Employees: 235

EQUIPMENT CAPABILITY

Forming Presses - Mechanical - Ratchet - 10 ton - 24" clearance
Hydraulic - 60 ton - 36" clearance
Shears - 6' of 10 gauge s/s

(continued)

Brakes - 6' - 60 ton
Bending Rolls - 3' of 22 gauge s/s
 Machining Lathes - Engine - 24" swing x 54"
 Turret - 23" swing x 48"
 Automatic - chucks - 18" swing
 Screw machines - 4 & 5 spindles - 2-5/8" & 2 1/4"
Boring Mills - Vertical - 36" clearance - 30" travel
 Horizontal - 3" capacity - 48" feed
 Jig borer - Vertical - 18" x 24"
Drills - Upright - 24" clearance
 Radial - 4' - 9" column diameter
 Turret - 8 head - 23" clearance
 Multi-spindle - 18" travel - 32" clearance
Milling Machines - #3 - 36" table travel
NC Operation - Boring, milling, drilling, lathe work
Shapers - Horizontal - 24" stroke
Saws - Reciprocating - 10"
 Band - 18" throat
 Circular - 12" diameter
Grinders - External - 10" diameter x 36"
 Internal - 9" stroke
 Surface - 42" diameter x 244"
Broaching Machines - Horizontal - 48" stroke - 25 ton
Gear-Making Machines - Vertical - 10" diameter x 8" hob
 1 pitch/96 pitch
 Fabricating Welding - Spot - 5 KVA - 12" throat
 Arc - 550 amp.
 Finishing Plating - Cadmium 24" x 78" tank
 Painting - Water fall
 Heat Treating - Automatic - 20" x 20" x 48"
 Induction - 6" diameter x 48"
 Stress Relieving - 2,000°F - 15" diameter x 15"
 2,700°F - 14" diameter x 30"

SPECIAL FACILITIES

275 HP 4,000 RPM Dynamometer.

(continued)

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Rotary gear pumps.

ROSENTHAL METAL CO., INC.

222 Peters Street, S. W., Atlanta, Ga.

Employees: 45

EQUIPMENT CAPABILITY

Forming Presses - Mechanical - 150 ton

Shears - 12' of 3/8" stock

Brakes - 12' of 3/8" stock

Machining Saws - Band - 36" throat

Fabricating Welding - Spot - 36" throat

Arc - 250 amp.

PRINCIPAL BUSINESS

Aluminum and stainless steel products.

ROYSTON MANUFACTURING CORP.

Box 7, Royston, Ga.

Employees: 100

EQUIPMENT CAPABILITY

Forming Presses - Mechanical - 100 ton

Shears - 12' of 3/16" stainless

Brakes - 12' - 500 ton

Fabricating Welding - Spot - single and 3 phase for steel and aluminum

Arc - Gas, Heliarc, MIG, TIG

Finishing Painting - 2 stage paint booth, variable speed line,
6 stage washer, bake oven

PRINCIPAL BUSINESS

Metal products.

SETTLES PRECISION MANUFACTURING CO.

Cuthbert, Ga.

Employees: 30

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 30 ton - 20" clearance
	<u>Brakes</u> - Box - 3' of 18 gauge s/s
	<u>Shears</u> - 4' of 18 gauge s/s
Machining	<u>Lathes</u> - Engine - 9" swing
	Turret - 18" swing x 36"
	Screw machines - Traub A-42, 6 spindle - 2½"
	<u>Drills</u> - Upright - 2" spindle diameter
	<u>Saws</u> - Band - 16" Kalamazoo
	<u>Grinders</u> - Cylindrical - 18" center - 2" diameter
Fabricating	<u>Welding</u> - Arc - 300 amp.

SPECIAL FACILITIES

3F Fenn - 1-1/8" swaging machine.

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Oxyacetylene tips, wire guides for automatic welders, hydraulic presses and lifts.

SHEARER MACHINE CO.

219 Whitehall St., S. W., Atlanta, Ga.

Employees: 6

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 75 ton
Machining	<u>Lathes</u> - Engine - 30" swing x 12'
	<u>Drills</u> - Upright - 2" spindle diameter x 14" clearance
	<u>Milling Machines</u> - #2 - 24" travel
	<u>Shapers</u> - Gemco - 14" stroke

(continued)

Planers - 12' L x 24" T x 24" V travel

Saws - Reciprocating - 6" diameter

Band - 8"

Broaching Machines - #2 Davis keyseat

Gear-Making Machines - G. & E. Involute gear cutter 3DP
x 60" diameter

Fabricating Welding - Heliarc - 200 amp.

PRINCIPAL BUSINESS

Maintenance and repair of industrial machinery.

SIKES MACHINE CO.

Metter, Ga.

Employees: 8

EQUIPMENT CAPABILITY

Forming Presses - Hydraulic - 60 ton arbor

Shears - 10' of $\frac{1}{4}$ " stock

Brakes - 10' - 175 ton

Bending Rolls - 9' of $\frac{3}{8}$ " stock

Forging - Quickway - reciprocating

Machining Lathes - Engine - 36" swing x 10'

Drills - Upright - #4 MT - 24" clearance

Radial - 42" arm - box column 8" x 8"

Milling Machines - 30" table travel

Shapers - 16" stroke

Planers - 48" L x 24" T x 18" V travel

Saws - Band - 8" x 18"

Fabricating Welding - Arc - 350 amp.

PRINCIPAL BUSINESS

General machine shop work and fabricating. Manufacturing bulk feed spreaders, dump and special truck bodies; building special equipment.

SIMMONS PLATING WORKS, INC.

409 Whitehall St., S. W., Atlanta, Ga.

Employees: 43

EQUIPMENT CAPABILITY

Finishing Plating - Fully automated bright zinc rack and barrel plating, bright nickel, sulfamate nickel, electroless industrial nickel, cadmium, copper, brass, hard industrial chrome, decorative chrome, tin, silver and gold plating - lacquering, hot-dip tinning and black oxide finish. Chrome - 30' deep tanks, nickel - 14' x 6' x 6', cadmium - 10' x 4' x 4', zinc - 10' x 6' x 6'

Stress Relieving - Electric bake oven for relieving embrittlement caused in pickling and in plating processes

ADDITIONAL INFORMATION

All equipment for polishing, buffing, lacquering, and grit blasting.

PRINCIPAL BUSINESS

Plating and finishing.

SOUTHEASTERN METAL PRODUCTS

P. O. Box 93038, Atlanta, Ga.

Employees: 40-50

EQUIPMENT CAPABILITY

Forming Presses - Mechanical - 225 ton
 Shears - 10' of $\frac{1}{4}$ " stock
 Brakes - 10' of $\frac{1}{4}$ " stock
 Bending Rolls - 6' of $\frac{1}{4}$ " stock

Machining Lathes - Engine - 22" swing x 8'
 Drills - Upright - 1" spindle diameter, 12" clearance
 Radial - 4' arm, 12" column diameter
 Milling Machines - 36" table travel
 NC Operation - Punch - 30 ton - work piece 60" x 120"
 Shapers - 16" stroke
 Saws - Reciprocating - 12" x 6"

(continued)

Band - 36" throat clearance

Circular - 24" diameter

Fabricating Welding - Spot - 50 KVA

Arc - 300 amp.

ADDITIONAL INFORMATION

Various fabricating machinery for sheet metal operations. Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Contract manufacturer of sheet metal products.

SOUTHERN ALUMINUM FINISHING CO.

1581 Huber St., N. W., Atlanta, Ga.

Employees: 50

EQUIPMENT CAPABILITY

Finishing Anodizing - Alumilite, Duranodic - 300, Kalcolor -
30' tank size

Painting - Spray - baked enamel, fluorocarbon finishes
on aluminum

ADDITIONAL INFORMATION

Cleaning, etching, polishing, and other pretreatment to anodizing.

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Anodizing, finishes for aluminum sheet and extrusions.

SOUTHERN IRON & EQUIPMENT CO.

5522 New Peachtree Rd., Chamblee, Ga. and

225 Rogers St., Atlanta, Ga.

Employees: 300

EQUIPMENT CAPABILITY

Forming Presses - Mechanical - 150 ton

Hydraulic - 100 ton - 20" clearance

Shears - 12' of $\frac{1}{2}$ " stock

Brakes - 12' of $\frac{1}{2}$ " stock

(continued)

Bending Rolls - 4' of 11 gauge s/s

Machining

Lathes - Engine - heavy duty short bed

Turret - Ram 20" swing

Drills - Upright - #4 MT - 14" clearance

Radial - 7' arm

Multi-spindle - 36" travel - 4' clearance

Milling Machines - #3 Horizontal

Vertical - 42" table

Shapers - 24" stroke

Saws - Band - 18" throat clearance

Grinders - Various stand and head grinders

Fabricating

Welding - Arc - 1,000 amp. automatic and semi-automatic

Finishing

Painting - Airless

Stress Relieving - Car type furnace, will handle work
30' long, 8' wide, 6' high - to 1,850°F

ADDITIONAL INFORMATION

Overhead cranes - 35 ton. Three miles rail siding.

PRINCIPAL PRODUCTS

Railroad cars, heavy metal fabrication.

SOUTHERN MACHINE & TOOL CO.

1789 15th St., Augusta, Ga. 30904

Employees: 60

EQUIPMENT CAPABILITY

Forming

Presses - Mechanical OBI - 60 ton - 15" clearance

Hydraulic - 125 ton - 60" clearance

Shears - 10' of ½" mild steel

Brakes - 10' of ½" mild steel

Bending Rolls - 5' of 3/8" mild steel

Machining

Lathes - Engine - 10" swing x 24"

38" swing x 240"

Turret - 18" swing x 20"

Boring Mill - Vertical 5' swing x 32"

(continued)

Drills - Upright - 3½" spindle diameter, 16" spindle clearance

Radial - 48" arm, 9" column diameter

Milling Machines - #2 and #3 - 43" table

NC Operation - Milling, drilling, boring, tapping

Shapers - G. & E. - 28" stroke

Planers - 96" travel x 32" x 32"

Jig Borers - Knight - vertical - size 3

Saws - Reciprocating - 12" x 16" capacity

Band - 36" throat clearance

Grinders - External - Universal - #2 Norton

Internal - combination

Surface - 8" x 24" capacity

Fabricating Welding - Arc - 400 amp. MIG and TIG

Finishing Heat Treating - 6" x 12" x 18"

Stress Relieving - 6" x 12" x 18"

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Tools, dies, production machining, metal stamping, steel fabricating.

SOUTHERN MACHINE & WELDING CO.

440 Andrews Rd., Columbus, Ga.

Employees: 30

EQUIPMENT CAPABILITY

Forming Presses - Hydraulic - 100 ton - 60" clearance

Shears - 10' of ½" mild steel

Brakes - 5' of 1/8" stock

Bending Rolls - 4' of ½" mild steel

Machining Lathes - Engine - 36" swing x 10'

Turret - 24" swing x 4'

Drills - Radial - 5' arm x 11" column diameter

Milling Machines - #2 - 36" travel

(continued)

Planers - 6' L x 2' T travel

Saws - Band - 10" clearance

Fabricating Welding - Heliarc - 600 amp.

SPECIAL FACILITIES

Metco Metalizing Process.

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Job Shop.

SOUTHSIDE TOOL AND DIE CO., INC.

274 N. Main St., Jonesboro, Ga.

Employees: 7

EQUIPMENT CAPABILITY

Forming Presses - Mechanical OBI - 50 ton - 19" clearance

Machining Lathes - Engine - 15" swing x 48"

Drills - Upright - #3 MT - 18" clearance

 Radial - 36" x 10" column diameter

Milling Machines - Index 845 V & H - 33" table travel

Shapers - Cincinnati - 20" stroke

Saws - Band - 15" throat

Grinders - Surface - 6" x 12" - 8" x 24" wet

Fabricating Welding - Arc - 300 amp.

Finishing Heat Treating - Gas 6" x 6" x 24"

PRINCIPAL BUSINESS

Tools, jigs, dies, special machinery.

SPRUIILL PRODUCTS, INC.

4240 Pleasantdale Rd., N. E., Atlanta, Ga.

Employees: 9

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical punch - 150 ton - 21" clearance <u>Shears</u> - 12' of $\frac{1}{4}$ " stock <u>Brakes</u> - 12' of 10 gauge s/s <u>Bending Rolls</u> - 3' of 16 gauge s/s Wire bending - $\frac{3}{8}$ " capacity
Fabricating	<u>Welding</u> - Spot and arc - various sizes and types
Finishing	Painting, zinc phosphate and paint application - baking enamel up to 600° bake - capacity to 6' x 6' x 12' One 5 HP polishing lathe

PRINCIPAL BUSINESS

Job shop, stairways, pallet racks.

STEEL, INC.

416 North Clarendon Ave., Scottdale, Ga.

Employees: 80

EQUIPMENT CAPABILITY

Forming	<u>Shears</u> - Angle - 5" x 5" x $\frac{1}{2}$ " angle or 6" x $\frac{1}{2}$ " bar <u>Punches</u> - 3" spindle - odd hole - $1\frac{1}{2}$ " in $\frac{3}{4}$ " plate Thomas #12 beam punch - 150 tons - 3" - 30" 50' spacing table with NC
Fabricating	<u>Welding</u> - Arc - 900 amp., stick, MIG, innershield

ADDITIONAL INFORMATION

Rod shearing and bending facilities, air reamers, airless heated spray paint facilities.

PRINCIPAL BUSINESS

Structural steel fabrication.

STEEL ERECTORS, INC.

Box 2466, Savannah, Ga.

Employees: 45

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 90 ton
	<u>Shears</u> - 10' of 5/8" stock
	<u>Brakes</u> - 10' of 3/8" stock
	<u>Bending Rolls</u> - 10' of 1/2" stock
	Angle channel, 1/2" x 6" x 6"
Fabricating	<u>Welding</u> - Arc - 600 amp.

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Fabricated structural steel and erection.

STEIN STEEL AND SUPPLY CO.

933 Kirkwood Ave., S. E., Atlanta, Ga.

Employees: 30

EQUIPMENT CAPABILITY

Machining	<u>Drills</u> - Radial - 4' arm - 13" column diameter
	<u>Saws</u> - Band - 18" throat
	<u>Grinders</u> - Various sizes
Fabricating	<u>Welding</u> - Arc - 500 amp.
Finishing	<u>Painting</u> - Airless spray

PRINCIPAL BUSINESS

Structural steel fabrication.

THE STORER FABRICATING CO., INC.

725 Chestnut St., Atlanta, Ga.

Employees: 20

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical
Machining	<u>Drills</u> - Upright - 2" spindle diameter, 24" clearance <u>Saws</u> - Band - 18" throat clearance
Fabricating	<u>Welding</u> - Heliarc - 1,200 amp.

ADDITIONAL INFORMATION

Airless spray painting equipment. Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Industrial and structural fabricated metals.

SUNSHINE METAL PRODUCTS

Drawer D, Arlington, Ga.

Employees: 45

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 60 ton - 6" clearance Hydraulic - 50 ton - 9" clearance <u>Shears</u> - 4' of $\frac{1}{2}$ " stock <u>Brakes</u> - 10' of 14 gauge s/s
Fabricating	<u>Welding</u> - Spot - 50 KVA - 18" throat, 4" gap Arc - 250 amp.
Finishing	<u>Painting</u> - Electrostatic spray booths, 3 stage phosphate washer

PRINCIPAL BUSINESS

Fabricated metal products.

SUPER DELUXE INDUSTRIES, INC.

Box 271, Rockmart, Ga.

Employees: 15

EQUIPMENT CAPABILITY

Machining Lathes - Engine - 90" swing x 25½" cc
 Drills - Upright - 2-3/4" diameter
 Radial
 Shapers - 16" stroke
 Planers - 24" x 84"
 Keyseaters
 Saws - Hack
 Grinders - Surface

Fabricating Welding - Electric and acetylene

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Buying and selling special machinery, light and heavy maintenance and construction work.

SUPERIOR ALUMINUM PRODUCTS CORP.

2160 Hills Ave., N. W., Atlanta, Ga.

Employees: 35

EQUIPMENT CAPABILITY

Forming Presses - 15 ton - 12" clearance
 Shears - 8' of 12 gauge s/s
 Brakes - 12' of 12 gauge s/s

Machining Drills - Upright - 2½" spindle - 10" clearance
 Saws - Band - 16" throat

Fabricating Welding - Arc - 250 amp.

PRINCIPAL BUSINESS

Awning and carport materials.

SUPERIOR STEEL FABRICATORS, INC.
Hwy. 85, Forest Park, Ga. 30050
Employees: 21

EQUIPMENT CAPABILITY

Forming	<u>Shears</u> - 10' of $\frac{1}{4}$ " stock
	<u>Brakes</u> - 12' of $\frac{1}{4}$ " stock
	<u>Bending Rolls</u> - 6' of $\frac{1}{2}$ " stock
Fabricating	<u>Welding</u> - Arc - 400 amp., MIG

PRINCIPAL BUSINESS

Bulk materials handling equipment, catering to concrete industry and concrete products producers.

TAMPCO DIVISION OF J. M. TULL INDUSTRIES
Old Peachtree Rd., Norcross, Ga.
Employees: 100

SPECIAL FACILITIES

Company has capabilities to fabricate welded steel tube and roll formed shapes.

PRINCIPAL BUSINESS

Automotive exhaust systems, roll form shapes, welded steel tubing.

THACKSTON STEEL CO., INC.
Stockyard Rd., Statesboro, Ga.
Employees: 25

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 75 ton - 40" clearance
Machining	<u>Lathes</u> - Engine - 20" swing x 240"
	<u>Drills</u> - Upright - 3" spindle - 30" clearance
	<u>Milling Machines</u> - #2 - 48" table travel
	<u>Saws</u> - Band - 28" throat

(continued)

Broaching Machines - Vertical - 12" stroke - 75 ton

Fabricating Welding - Arc - 400 amp.

PRINCIPAL BUSINESS

Structural steel fabrication, material handling equipment, and industrial maintenance.

TILLERY METAL PRODUCTS CO.

Box 530, West Point, Ga.

Employees: 17

EQUIPMENT CAPABILITY

Forming Shears - 10' of $\frac{1}{4}$ " mild steel

Brakes - 10' of $\frac{1}{4}$ " mild steel

Bending Rolls - 60" of $\frac{1}{8}$ " mild steel

Lockformers - 22 gauge s/s

Machining Lathes - Engine - 18" swing x 100"

Turret - #4 - 18" 2" bar cap

Milling Machines - Horizontal - 36" table travel with
vertical head

Saws - Reciprocating - 6" x 6"

Band - 14" throat clearance

Circular - 14" diameter

Fabricating Welding - Spot - 36" throat depth

Arc - 250 amp.

Brazing - 20' cutoff blade

PRINCIPAL BUSINESS

Metal fabrication, job shop work, textile machine parts.

TOCCOA STEEL FOUNDRY

P. O. Box 819, Toccoa, Ga.

Employees: 165

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 150 ton
Machining	<u>Lathes</u> - Engine - 40" swing x 156" Turret - 32" x 8' bed <u>Boring Mills</u> - Vertical and horizontal mills <u>Drills</u> - Radial - 6' arm x 15" column diameter Multi-spindle - 3 spindle power feed, 1 $\frac{1}{4}$ " capacity <u>Milling Machines</u> - Cincinnati #5 <u>Shapers</u> - Steptoe - 24" stroke <u>Planer</u> - 120" L x 30" T x 30" V travel
Casting	Methods - sand, CO ₂ mold, shell core Metals cast - steel Electric arc furnaces - capacity 10,000 pounds per melt
Finishing	<u>Heat Treating</u> - Annealing Drawing oven for carload lots of steel castings

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Steel anchors, components for railroad cars and heavy construction.

TORCO, INC.

1330 Old 41 Hwy., Marietta, Ga.

Employees: 85

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical OBI - 45 ton - 8" clearance
Machining	<u>Lathes</u> - Engine - 36" swing x 54" cc Screw machines - 8 single-spindle automatics thru 1" (continued)

50 multi-spindle automatics thru 2½"

Milling Machines - #4 - 52" table travel

Saws - Band - Grob - type 11-S24

Grinders - Internal - External - Herald #72A - 20' diameter

Surface - Boyar Schultz #612, Brown & Sharp

Centerless - #2 Cincinnati

Broaching Machines - Vertical - 4' stroke - 12 ton

Fabricating Welding - Spot welding and Winfred shielded
Arc welders

Finishing Heat Treating - 25 KVA - induction 2000° electric furnace
Painting - Electrostatic paint spray, drying ovens,
phosphating and chromodizing.

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Precision screw machine products.

TUCKER TOOL AND DIE, INC.

2295 Fourth St., Tucker, Ga.

Employees: 30

EQUIPMENT CAPABILITY

Forming Presses - Mechanical - 250 ton - 54" clearance

Machining Lathes - Engine - 24" swing x 120"

Boring Mills - Jig borer - #3 Moore

Drills - Upright - 3" spindle - 48" clearance

Multi-spindle - 24" spindle travel

Milling Machines - 120" table travel

NC Operation - Boring - milling - drilling

Shapers - Ohio - 24" stroke

Saws - Band - 36" throat

Grinders - Internal - Toyoda - 6" x 12" - External 10"

Surface - 42"

(continued)

Electrical Machining - EDM - Elox

Fabricating Welding - Arc - 435 amp.

Finishing Heat Treating - 2,000° oven - 10" x 10" x 24"

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Production dies, molds, tools, and special machinery.

THE TUMPANE CO. OF GEORGIA, INC.

Cochran Field, Box 899, Macon, Ga.

Employees: 100

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 75 ton and 25 ton Hydraulic - 75 ton <u>Shears</u> - 12' of ½" stock <u>Brakes</u> - 12' - 150 ton <u>Bending Rolls</u> - 5' of 10 guage s/s
Machining	<u>Lathes</u> - Engine - 24" swing x 96" Turret - 16" swing x 96" <u>Drills</u> - Upright - 28" swing Radial <u>Milling Machines</u> - Horizontal - 28" table travel Vertical - 28" table travel <u>Shapers</u> - 24" stroke <u>Planers</u> - 30" x 60" table <u>Saws</u> - Band - 20½" throat Circular - 14" diameter <u>Grinders</u> - External - 10" swing, 18" cc Surface - 24" table - 18" wheel Honing - .140 - 5½" <u>Boring Mills</u> - Vertical - 36" diameter table 72" diameter table

(continued)

Fabricating	<u>Welding</u> - Heliarc - 400 amp.
Finishing	<u>Heat Treating</u> - Oven - 36" x 12" x 17", 2,000°F
	Normalizing - 550°F

ADDITIONAL INFORMATION

Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Metal fabrication and machine parts. Machine tool rebuilding.

UNITED STATES PLATING AND BUMPER SERVICE, INC.

78 Milton Ave., S. E., Atlanta, Ga. 30315

Employees: 40

EQUIPMENT CAPABILITY

Finishing Plating - Copper, nickel, chromium (others also considered)

Tank sizes - 4' x 4' x 8'

8' x 10' x 4'

ADDITIONAL INFORMATION

Company has facilities for production plating. Rail siding equipped to handle gondolas and boxcars.

PRINCIPAL BUSINESS

Industrial and commercial nickel and chrome plating, automobile bumper refinishing, plating of automotive parts.

WADE & SONS

640 Second St., Macon, Ga.

Employees: 25

EQUIPMENT CAPABILITY

Forming Presses - Hydraulic - 200 ton - 54" x 12' clearance

Machining Lathes - Engine - 76" swing x 12'

Boring Mills - Vertical - 100" clearance x 48" travel

Horizontal - 3" spindle diameter, 36"
feed length

(continued)

Drills - Upright - 3" spindle diameter - 48" clearance

Radial - 48" arm - 8" column diameter

Milling Machines - Universal #3 - 34" table travel

Horizontal #2 - 27" table travel

Shapers - 22" stroke

Planers - 13' L x 36" T x 36" V travel

Keyseaters - 12" stroke - 44" capacity

Saws - Band - 36" throat clearance

Grinders - External - 18" x 72"

Internal - 2½" to 12" x 18"

Broaching Machines - 14" stroke

Fabricating Welding - Inert gas - 600 amp.

SPECIAL FACILITIES

Metal spray - Metco "Y" gun.

PRINCIPAL BUSINESS

Industrial repairs.

JERVIS B. WEBB CO. OF GEORGIA

560 Webb Industrial Dr., N. E., Marietta, Ga.

Employees: 40

EQUIPMENT CAPABILITIES

Forming Presses - Mechanical - 60 ton

Hydraulic - 75 ton

Shears - 10' of 3/8" stock

Brakes - 10' of ¼" stock

Bending Rolls - #2 - Horizontal

Machining Lathes - Engine - swing to 36" to 8'

Drills - Radial - 4' arm - 13" column diameter

Multi-spindle

Milling Machines - 32" table travel

Saws - Band - 18" throat clearance

Grinders - Snag

Broaching Machines - Vertical - 8" stroke

(continued)

Fabricating Welding - Arc - 300 amp. - Automatic wire feed

SPECIAL FACILITIES

Multiple shape burning machine.

PRINCIPAL BUSINESS

Material handling equipment.

WEST POINT FOUNDRY AND MACHINE CO.

West Point, Ga.

Employees: 300

EQUIPMENT CAPABILITY

Forming Presses - Hydraulic - 150 ton
 Shears - 12' of $\frac{1}{2}$ " stock
 Brakes - 300 ton - 12' bed
 Bending Rolls - 10" diameter x 12'
 Angle - 2" x 2" x $\frac{1}{4}$ "
 Ironworkers - Shear - $\frac{1}{2}$ " plate, 6" x $\frac{5}{8}$ " flats, 4" x
 4" angles, 1- $\frac{5}{8}$ " round; punch -
 1" x $\frac{5}{8}$ " or $\frac{7}{8}$ " x $\frac{3}{4}$ "

Machining Lathes - Engine - 31" swing x 15'
 Turret - #3A Warner & Swasey
 Automatic - chucking 4A Warner & Swasey
 Boring Mills - Vertical - 36" diameter - vertical travel 18"
 Horizontal - 5" spindle - 36" feed
 Drills - Upright - 1 $\frac{1}{2}$ " spindle diameter - 26" clearance
 Radials - 8' arm - 19" column diameter
 Horizontal - 20" lift
 Multi-spindle - 12 spindles
 Milling Machines - Table 15" x 60", travel 42"
 NC Operation - Series "E" Milwaukee-matic NC machining
 center, G & L 10 V machining center, P & W
 12-30
 Shapers - 24" stroke
 Planers - 10' L x 36" T x 24" V travel
 Saws - Reciprocating - 7" x 7"
 Band - 36" clearance

(continued)

Grinders - Tool and cutter - #13 Brown & Sharpe

Centerless - 4" diameter feed

Gear-Making Machines - Hobbers - 50" diameter swing

Shapers - 35" diameter swing

Cutter - 26" diameter swing

Bevel cutter - 12" diameter

Fabricating Welding - Heliarc - MIG, TIG

Hand and semiautomatic

Casting Gray iron and ductile iron (2,000 lbs.), brass
(200 lbs.) - 10 tons a day

Sand mold

PRINCIPAL BUSINESS

Textile, tire, and rubber machinery, stainless steel fabrications, and
gray and ductile iron castings.

WHALEY MACHINE PRODUCTS, INC.

5553 Peachtree Rd., N. E., Chamblee, Ga.

Employees: 25

EQUIPMENT CAPABILITY

Forming Presses - Mechanical OBI - 150 ton - 18" clearance

Machining Lathes - Engine - 18" swing x 72"

Turret - 12" swing x 24"

Screw Machines - 6 spindle x 2" diameter

Drills - Upright - 1½" spindle diameter x 32" clearance

Milling Machines - #2 - 24" travel

Saws - Band - 10" throat

Grinders - Surface - 6" x 18"

PRINCIPAL BUSINESS

Contract manufacturers.

WHITEHEAD DIE CASTING CO.

1216 Zonolite Rd., N. E., Atlanta, Ga.

Employees: 80

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical - 120 ton Hydraulic - 100 ton - 24" clearance <u>Shears</u> - 6' of 16 gauge s/s
Machining	<u>Lathes</u> - Engine - 24" swing x 72" Turret - 20" swing x 12" Screw Machines - 1½" OD <u>Electrical Machining</u> - EDM
Fabricating	<u>Welding</u> - Arc - 200 amp.
Casting	<u>Die Casting</u> - Aluminum and zinc - 12 machines to 600 tons

SPECIAL FACILITIES

Complete 5-press plastic molding plant.

PRINCIPAL BUSINESS

Textile machinery parts, die castings, and plastic moldings.

WITHERS MACHINE WORKS, INC.

P. O. Box 217, Austell, Ga.

Employees: 27

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Hydraulic - 300 ton
Machining	<u>Lathes</u> - Engine - 66" swing x 32' centers <u>Boring Mills</u> - Vertical - 132" swing x 72" under rail Horizontal - 5" spindle diameter x 48" feed length Jig borer - Bridgeport <u>Drills</u> - Upright - 2½" spindle diameter x 15" clearance Radial - 6' arm x 20" column diameter <u>Milling Machines</u> - 11 sizes - to 108" table travel <u>Shapers</u> - S & M - 32" stroke

(continued)

Planers - Gray openside 158" L x 60" T x 48" V travel
Saws - Band - Do All - 36" clearance
Grinders - 10 HP adaptable to lathe - 42" x 32" centers
 Internal - 20" swing x 14" stroke
 Surface - 12" x 24"
Broaching Machines - Vertical 4' stroke - 300 ton
Gear-Making Machines - Conventional - 30" diameter
 Fabricating Welding - Wire feed - 600 amp.

PRINCIPAL BUSINESS

Tools, dies, and special machinery.

WITHERS TOOL DIE & MANUFACTURING CO., INC.

5492 Bankhead Hwy., Mableton, Ga.

Employees: 45

EQUIPMENT CAPABILITY

Forming	<u>Presses</u> - Mechanical OBI - 60 ton - 24" shut height Hydraulic - 200 ton - 48" x 84" <u>Shears</u> - 10' of ½" stock <u>Bending Rolls</u> - 5' of ½" stock
Machining	<u>Lathes</u> - 18 - all sizes - engine - 56" swing x 20" Turret - 20" swing x 36" <u>Boring Mills</u> - Vertical - 48" spindle travel - 120" swing Horizontal - 4" diameter - 48" x 72" table <u>Drills</u> - Upright - 3" spindle diameter x 20" Radial - 4' arm x 20" column diameter Turret - 6 head - 24" spindle clearance <u>Milling Machines</u> - Vertical and horizontal - all sizes - table travel to 96" <u>Shapers</u> - 36" stroke <u>Planers</u> - 22' L x 84" T x 72" V travel <u>Jig Borers</u> - Devlieg - 72" x 96" - 4" bar <u>Saws</u> - Reciprocating - 18" x 20" Band - 36" throat clearance Circular - 20" diameter

(continued)

Grinders - External - Landis - 16" x 10'

Internal - Heald - 36" swing, 20" stroke

Surface - 84" table travel

Electrical Machining - EDM - 12" x 24"

Fabricating Welding - Heliarc and wire feed - 600 amp., Arc - 500 amp.

Finishing Heat Treating - Electric - Lindberg 36" x 48"

ADDITIONAL INFORMATION

Company is considered a precision shop.

PRINCIPAL BUSINESS

Special machinery, tools and dies, jigs and fixtures.

GIP YOUNG

P. O. Box 266, Donalsonville, Ga.

Employees: 5

EQUIPMENT CAPABILITY

Forming Presses - Hydraulic - 75 ton - 36" clearance

Shears - 4' of 16 gauge s/s

Brakes - 10' of 14 gauge s/s

Bending Rolls - 5' of 10 gauge s/s

Machining Lathes - Engine - 17" swing x 52"

Drills - Upright - 12" clearance

Milling Machines - #2 - 36" table travel

Saws - Band - 12" throat

Fabricating Welding - Arc - 400 amp.

PRINCIPAL BUSINESS

Steel fabrication, feed and peanut handling equipment.

INDEXES

MAP 1
JOB SHOPS LISTED IN DIRECTORY



ALPHABETICAL INDEX BY TOWN

Acworth

Qualco Casting (Division of Canton Textile Mills), 60

Adel

Production Plating Co., Inc., 60

Arlington

Sunshine Metal Products, 77

Athens

Dye Sheet Metal Products, Inc., 30
McCann Machine Co., Inc., 51
Quality Food Machine, Inc., 61

Atlanta

Advanced Metal & Welding Co., 1
Architectural Mfg. Co. of America, 4
Atlanta Grotnes Machine Co., 5
Atlanta Tool Co., Inc., 5
Atlantic Sheet Metal Corp., 6
Barron Fabricators, Inc., 11
Bankhead Welding Service, 11
Berkeley Pump Co., 12
Bremen Steel Co., 16
Centerless Grinding Service, 21
Davidson Kennedy Co., 26
Drever Southern Metal Treating of Georgia, Inc., 29
Evans Metal Co., 32
Evans Tool & Die, 32
Johnson & Brown Machine Works Inc., 45
Main Steel Polishing Co. Inc., of Georgia, 51
Metal Fabricators, Inc., 54
Reeves Machine Co., Inc., 63
Rosenthal Metal Co., Inc., 67
Shearer Machine Co., 68
Simmons Plating Works, Inc., 70
Southeastern Metal Products, 70
Southern Aluminum Finishing Co., 71
Spruill Products, Inc., 75
Stein Steel & Supply Co., 76
The Storer Fabricating Co., Inc., 77
Superior Aluminum Products Corp., 78
United States Plating & Bumper Service, Inc., 84
Whitehead Die Casting Co., 88

Augusta

Augusta Iron & Steel Works, 7
Augusta Plating Co., Inc., 8
Macuch Steel Products, Inc., 50
Mid States Screw & Bolt Co., 54
Southern Machine & Tool Co., 72

Austell

Withers Machine Works, Inc., 88

Bainbridge

Bainbridge Machine Co., 10

Bremen

Design Engineering, Inc., 28

Brunswick

Haven Manufacturing Corp., 43
R. L. Peck Co., 58

Canton

Bramco Products - Division of National Service, Inc., 15

Cedartown

Automatic Machine & Tool Co., 8

Chamblee

Atlas Manufacturing & Machine Corp., 6
Southern Iron & Equipment Co., 71
Whaley Machine Products, Inc., 87

Clayton

The Aid Corp., 1

Columbus

W. C. Bradley, 14
Golden's Foundry & Machine Co., 39
Johnston Automatic Machine Parts Co., Inc., 45
Pekor Iron Works, 59
Southern Machine & Welding Co., 73

Commerce

Roper Pump Co., 65

Conyers

Madison Industries Inc., of
Georgia, 51

Cordele

Harris Press & Shear Corp., 42

Cornelia

Habersham Metal Products Co., 41

Cuthbert

Settles Precision Manufacturing
Co., 68

Dalton

Dalton Sheet Metal Co., Inc., 25

Donalsonville

Gip Youmans, 90

Duluth

J. J. Finnigan Co., Inc., 33

East Dublin

Farmaster Products Co., 33

Ellaville

Greenfield Metal Products Co.,
Inc., 40

Fitzgerald

G & L Steel Company, 36
Rainbow Manufacturing Co., 62

Forest Park

Superior Steel Fabricators, Inc., 79

Fort Valley

Cardinal Manufacturing Co., 20

Gainesville

Gainesville Iron Works, Inc., 36

Garden City

Norris Machine & Fabricators,
Inc., 57

Griffin

Holt Sheet Metal Works, Inc., 44

Hartwell

NVF - Fisher Division, 55

Jonesboro

Jonesboro Tool & Die Corp., 46
Low Temp Manufacturing Co., Inc., 49
Southside Tool & Die Co., Inc., 74

LaGrange

LaGrange Iron Works, 47

Lithonia

CSM Inc., 20
Newcomb Spring of Atlanta, Inc., 56

Louisville

Louisville Tool & Eng. Inc., 48

Lumber City

Cook & Co., 24

Mableton

Cobb County Tool & Eng., Inc., 23
Withers Tool Die & Manufacturing
Co., Inc., 89

Macon

E. R. Andrews & Sons, 3
Bibb Steel & Supply Co., Inc., 13
Equipment Specialties Corp., 31
Georgia Steel, Inc., 38
Macon Machine Shop, Inc., 49
The Tumpene Co. of Georgia Inc., 83
Wade & Sons, 84
Numerical Engineering Machine
Co. (NEMCO), 57

Marietta

Damar, Inc., 25
Torco, Inc., 81
Jervis B. Webb of Georgia, 85

Metter

Sikes Machine Co., 69

Midville

Midville Tool & Die Co., Inc., 55

Moultrie

Bridgeport Brass, Div. of National
Distributors & Chemical Corp., 17
Harvey Hubbell, Inc., - Lighting
Division, 43

Newnan

Brown Steel Contractors, Inc., -
Blue Division, 18
Brown Steel Contractors, Inc., -
Brown Division, 19

Norcross

Cherokee Metals, Inc., 22
Tampco Div. of J. M. Tull
Industries, 79

Peachtree City

Franklin Products Corp. -
Chef Division, 34

Pelham

Flynt's Auto Machine Shop, 34

Rockmart

Super Deluxe Industries, Inc., 78

Rome

Blanton Plow Co., Inc., 14
D & J Mfg. Co., Inc., 24
Griffin Foundry & Mfg. Co., 40
Rome Machine & Foundry Co., 64
Rome Sheet Metal Works, Inc., 64
Rome Tool & Die Co., 65

Rossville

Brock & Blevins Co., Inc., 18

Royston

Royston Manufacturing Corp., 67

Savannah

Champion Machine & Mfg. Co., 21
Metal Equipment Co., 52

Metalcrafts, Inc., 52
National Metal Products Co., 56
Steel Erectors, Inc., 76

Scottdale

Steel, Inc., 75

Statesboro

Thackston Steel Co., Inc., 79

Stone Mountain

Gulf Equipment - McGraw-Edison
Co., 41

Tiger

Rabun Metal Products, Inc., 61

Toccoa

B. M. R. Fabricators, 9
Dixie Machine Products, 28
Dubie-Clark Co., Div. of Banner
Industries, Inc., 29
Toccoa Steel Foundry, 81

Tucker

American Alloy Steel, Inc., 2
Arbiser Machine Building Co., 3
Tucker Tool & Die, Inc., 82

Valdosta

Baker Manufacturing Co., 10
The Lerio Corp., 47

Vidalia

Georgia Machine & Mfg. Co., 37

Vienna

Georgia Pacific Pump Co., 38

Wadley

Fulghum Industries, Inc., 35

Washington

Bennett Manufacturing Co., 12

Waycross

Dell Industries, 27

Waynesboro

Perfection Products Co., 59

West Point

Tillery Metal Products Co., 80

West Point Foundry & Machine Co., 86

GUIDE TO THE EQUIPMENT CAPABILITY INDEX

The Equipment Capability Index is made up of six major divisions -- Forming, Machining, Fabricating, Casting, Finishing, and Special Facilities. Each type of equipment or process is listed alphabetically in the section which best describes its function, and company names are given alphabetically under each machine type. Hydraulic presses, for example, are found under FORMING as Presses, Hydraulic. All companies reporting hydraulic presses follow alphabetically.

Terms indexed are as follows:

FORMING

- Bending Rolls
- Brakes
- Forging
- Ironworkers
- Lockformers
- Presses
 - Hydraulic
 - Mechanical
 - NC
- Roller Formers
- Shears
- Slitters

MACHINING

- Boring Mills
 - Horizontal
 - Vertical
- Broaching Machines
- Drills
 - Multi-Spindle
 - Radial
 - Turret
 - Upright
- Electrical Machining Units
- Gear-Making Machines
- Grinders
 - Centerless
 - External
 - Internal
 - Surface
- Jig Borers
- Keyseaters
- Lathes
 - Automatic
 - Engine
 - Screw Machines
 - Turret

MACHINING, continued

- Milling Machines
- NC Machines
 - Boring
 - Drilling
 - Lathe Work
 - Milling
- Planers
- Saws
 - Band
 - Circular
 - Reciprocating
- Shapers

FABRICATING

- Arc Welding
- Brazing
- Spot Welding

FINISHING

- Anodizing
- Heat Treating & Stress Relieving
- Painting
- Plating
- Polishing
- Sand Blasting

CASTING

- Ferrous
- Nonferrous

SPECIAL FACILITIES

EQUIPMENT CAPABILITY INDEX

FORMING

Bending Rolls

Advanced Metal & Welding Co., 1
 The Aid Corp., 1
 Americal Alloy Steel Inc., 2
 E. R. Andrews & Sons, 3
 Atlantic Sheet Metal Co., 6
 Augusta Iron & Steel Works, 7
 B. M. R. Fabricators, 9
 Bankhead Welding Service, 11
 Barron Fabricators Inc., 11
 Blanton Plow Co., Inc., 14
 Brock & Blevins Co., Inc., 18
 Brown Steel Contractors Inc.,
 Blue Division, 18
 Brown Steel Contractors Inc.,
 Brown Division, 19
 CSM Inc., 20
 Champion Machine & Manufacturing
 Inc., 21
 Dalton Sheet Metal Co., Inc., 25
 Damar, Inc., 25
 Dell Industries, 27
 Dubie-Clark Co., Division of
 Banner Industries, Inc., 29
 Dye Sheet Metal Products, Inc., 30
 J. J. Finnigan Co., 33
 Flynt's Auto Machine Shop, 34
 Fulghum Industries, Inc., 35
 Georgia Machine & Mfg. Co., 37
 Georgia Steel Inc., 38
 Holt Sheet Metal Works Inc., 44
 The Lerio Corp., 47
 Low Temp Mfg. Co. Inc., 49
 Macon Machine Shop, Inc., 49
 Metalcrafts, Inc., 52
 Metal Equipment Co., 52
 NVF - Fisher Division, 55
 Norris Machine & Fabricators,
 Inc., 57
 Numerical Eng. Machine Co., 57
 Perfection Products Co., 59
 Rainbow Manufacturing Co., 62
 Rome Machine & Foundry Co., 64
 Rome Sheet Metal Works Inc., 64
 Roper Pump Co., 65
 Sikes Machine Co., 69
 Southeastern Metal Products, 70
 Southern Iron & Equipment Co., 71

Southern Machine & Tool Co., 72
 Southern Machine & Welding Co., 73
 Spruill Products, Inc., 75
 Steel Erectors, Inc., 76
 Superior Steel Fabricators, Inc., 79
 Tillery Metal Products Co., 80
 The Tumpene Co., of Georgia, 83
 Jervis B. Webb Co. of Georgia, 85
 West Point Foundry & Machine Co., 86
 Withers Tool Die & Manufacturing Co.,
 Inc., 89
 Gip Youmans, 90

Brakes

Advanced Metal & Welding Co., 1
 The Aid Corp., 1
 Americal Alloy Steel Inc., 2
 E. R. Andrews & Sons, 3
 Architectural Manufacturing Co. of
 America, 4
 Atlantic Sheet Metal Co., 6
 B. M. R. Fabricators Inc., 9
 Bainbridge Machine Co., 10
 Bankhead Welding Service, 11
 Barron Fabricators, Inc., 11
 Blanton Plow Co., Inc., 14
 Bramco Products - Div. of National
 Service Inc., 15
 Breman Steel Co., 16
 Brown Steel Contractors, Inc.,
 Blue Division, 18
 Brown Steel Contractors, Inc.,
 Brown Division, 19
 CSM Inc., 20
 Cardinal Manufacturing Co., 20
 Cherokee Metals Inc., 22
 Dalton Sheet Metal Co., Inc., 25
 Damar, Inc., 25
 Davidson Kennedy Co., 26
 Dell Industries, 27
 Design Engineering Inc., 28
 Dubie-Clark Co., Division of
 Banner Industries, Inc., 29
 Dye Sheet Metal Products, Inc., 30
 Equipment Specialties Corp., 31
 J. J. Finnigan Co., 33
 Flynt's Auto Machine Shop, 34

Franklin Products Corp. - Chef
Division, 34
Fulghum Industries, Inc., 35
G & L Steel Co., 36
Gainesville Iron Works, Inc., 36
Georgia Machine & Mfg. Co., 37
Georgia Steel Inc., 38
Greenfield Metal Products Co., 40
Gulf Equip. - McGraw-Edison Co., 41
Habersham Metal Products Co., 41
Holt Sheet Metal Works Inc., 44
The Lerio Corp., 47
Louisville Tool & Engineering,
Inc., 48
Low Temp Mfg. Co., Inc., 49
Macon Machine Shop, Inc. 49
Madison Industries Inc. of
Georgia, 51
Metalcrafts, Inc., 52
Metal Equipment Co., 52
Metal Fabricators, Inc., 54
NVF - Fisher Division, 55
National Metal Products Co., 56
Numerical Eng. Machine Co., 57
Perfection Products Co., 59
Rabun Metal Products, Inc., 61
Rainbow Manufacturing Co., 62
Rome Machine & Foundry Co., 64
Rome Sheet Metal Works Inc., 64
Roper Pump Co., 65
Rosenthal Metal Co., 67
Royston Manufacturing Corp., 67
Settles Precision Mfg. Co., 68
Sikes Machine Co., 69
Southeastern Metal Products, 70
Southern Iron & Equipment Co., 71
Southern Machine & Tool Co., 72
Southern Machine & Welding Co., 73
Spruill Products, Inc., 75
Steel Erectors, Inc., 76
Sunshine Metal Products, 77
Superior Alum. Products Corp., 78
Superior Steel Fab., Inc. 79
Tillery Metal Products Co., 80
The Tumpane Co. of Georgia, Inc.,
83
Jervis B. Webb Co. of Georgia, 85
West Point Foundry & Machine
Co., 86
Gip Youmans, 90

Forging

Blanton Plow Co., Inc., 14
W. C. Bradley, 14

Cobb County Tool & Eng. Inc., 23
Harvey Hubbell, Inc., Lighting
Division, 43
Sikes Machine Co., 69

Hydraulic Presses, see Presses, Hydraulic

Ironworkers

Bainbridge Machine Co., 10
Bibb Steel & Supply Co., Inc., 13
Bramco Products - Div. of National
Service Inc., 15
Design Engineering Inc., 28
Georgia Steel Inc., 38
Holt Sheet Metal Works, Inc., 44
Macuch Steel Products, Inc., 50
Metal Equipment Co., 52
Metal Fabricators, Inc., 54
NVF - Fisher Division, 55
Rome Machine & Foundry Co., 63
West Point Foundry & Machine Co., 86

Lockformers

Tillery Metal Products Co., 80

Mechanical Presses, see Presses, Mechanical

NC Presses, see Presses, NC

Presses, Hydraulic

American Alloy Steel Inc., 2
Augusta Iron & Steel Works, 7
Bainbridge Machine Co., 10
Bankhead Welding Service, 11
Brock & Blevins Co. Inc., 18
Brown Steel Contractors, Inc.,
Blue Division, 18
Cherokee Metals Inc., 22
Davidson Kennedy Co., 26
Dell Industries, 27
Dixie Machine Products, 28
Equipment Specialties Corp., 31
Farmaster Products Co., 33
Flynt's Auto Machine Shop, 34
Gainesville Iron Works Inc., 36
Georgia Machine & Mfg. Co., 37
Gulf Equipment - McGraw-Edison Co., 41
Harris Press & Shear Corp., 42
Harvey Hubbell, Inc., Lighting
Division, 43
Haven Manufacturing Corp., 43

Johnson & Brown Machine Works,
 Inc., 45
 Jonesboro Tool & Die Corp., 46
 Low Temp Mfg. Co., Inc., 49
 Macon Machine Shop, Inc., 49
 Midville Tool & Die Co., Inc., 55
 NVF - Fisher Division, 55
 Norris Machine & Fabricators,
 Inc., 57
 Rainbow Manufacturing Co., 62
 Reeves Machine Co., Inc., 63
 Rome Machine & Foundry Co., 64
 Rome Tool & Die Co., 65
 Roper Pump Co., 65
 Settles Precision Manufacturing
 Co., 68
 Shearer Machine Co., 68
 Sikes Machine Co., 69
 Southern Iron & Equipment Co., 71
 Southern Machine & Tool Co., 72
 Southern Machine & Welding Co., 73
 Sunshine Metal Products, 77
 Thackston Steel Co., Inc., 79
 Toccoa Steel Foundry, 81
 The Tumpane Co. of Georgia, Inc., 83
 Wade & Sons, 84
 Jervis B. Webb Co. of Georgia, 85
 West Point Foundry & Machine Co., 86
 Whaley Machine Products, Inc., 87
 Whitehead Die Casting Co., 88
 Withers Machine Works, Inc., 88
 Withers Tool Die & Manufacturing
 Co., Inc., 89
 Gip Youmans, 90

Presses, Mechanic

Advanced Metal &
 The Aid Corp., 1
 Arbiser Machine
 Architectural Ma
 of America,
 Atlantic Sheet
 B.M.R. Fabricat
 Baker Manufactu
 Barron Fabrica
 Bennett Manufa
 Berkeley Pump
 Bibb Steel &
 Blanton Plow
 W. C. Bradley
 Bramco Produc
 National :

Bridgeport Brass, Division of National
 Distributors and Chemical Corp., 17
 Brock & Blevins Co., Inc., 18
 Brown Steel Contractors, Inc.,
 Brown Division, 19
 Cardinal Grinding Service, 20
 Cherokee Metals Inc., 22
 Cobb County Tool & Engineering Inc., 23
 Damar, Inc., 25
 Dell Industries, 27
 Design Engineering Inc., 28
 Dubie-Clark Co., Division of
 Banner Industries Inc., 29
 Dye Sheet Metal Products, Inc., 30
 Equipment Specialties Corp., 31
 Evans Tool & Die, 32
 Farmaster Products Co., 33
 Franklin Products Corp., Chef
 Division, 34
 G & L Steel Co., 36
 Georgia Machine & Manufacturing Co., 37
 Greenfield Metal Products Co., 40
 Habersham Metal Products Co., 41
 Harvey Hubbell, Inc., Lighting Div., 43
 Haven Manufacturing Corp., 43
 Johnson & Brown Machine Works Inc., 45
 Jonesboro Tool & Die Corp., 46
 The Lerio Corp., 47
 Louisville Tool & Engineering, Inc., 48
 Low Temp Manufacturing Co., Inc., 49
 Metal Equipment Co., 52
 Metal Fabricators, Inc., 54
 Midville Tool & Die Co., Inc., 55
 Division, 55
 Products Co., 56
 neering Machine Co., 57
 , 58
 oducts Co., 59
 roducts, Inc., 61
 & Foundry Co., 64
 ie Co., 65
 ., 65
 tal Co., 67
 facturing Corp., 67
 Metal Products, 70
 n & Equipment Co., 71
 hine & Tool Co., 72
 ool & Die Co., Inc., 74
 ducts, Inc., 75
 , 75
 ors, Inc., 76
 Fabricating Co., Inc., 77
 Metal Products, 77

Superior Aluminum Products Corp., 78
 Torco, Inc., 81
 Tucker Tool & Die Inc., 82
 The Tumpene Co. of Georgia, Inc., 83
 Jervis B. Webb Co. of Georgia, 85
 Whitehead Die Casting Co., 88
 Withers Tool Die & Manufacturing
 Co., Inc., 89

Presses, NC

Habersham Metal Products Co., 41
 Southeastern Metal Products, 70

Roller Formers

Equipment Specialties Corp., 31

Shears

Advanced Metal & Welding Co., 1
 The Aid Corp., 1
 E. R. Andrews & Sons, 3
 Atlantic Sheet Metal Co., 6
 B. B. R. Fabricators, 9
 Bainbridge Machine Co., 10
 Bankhead Welding Service, 11
 Barron Fabricators, Inc., 11
 Bennett Manufacturing Co., 12
 Bibb Steel & Supply Co., Inc., 13
 Blanton Plow Co., Inc., 14
 W. C. Bradley, 14
 Bramco Products - Div. of National
 Service Inc., 15
 Breman Steel Co., 16
 Brock & Blevins Co., Inc., 18
 Brown Steel Contractors, Inc.,
 Blue Division, 18
 Brown Steel Contractors, Inc.,
 Brown Division, 19
 CSM Inc., 20
 Cardinal Manufacturing Co., 20
 Cherokee Metals Inc., 22
 Dalton Sheet Metal Co., Inc., 25
 Damar, Inc., 25
 Davidson Kennedy Co., 26
 Dell Industries, 27
 Dubie-Clark Co., Division of
 Banner Industries, Inc., 29
 Dye Sheet Metal Products, Inc., 30
 Equipment Specialties Corp., 31
 Farmaster Products Co., 33
 J. J. Finnigan Co., 33
 Flynt's Auto Machine Shop, 34

Franklin Products Corp., - Chef
 Division, 34
 G & L Steel Co., 36
 Gainesville Iron Works Inc., 36
 Georgia Machine & Manufacturing Co., 37
 Georgia Steel Inc., 38
 Greenfield Metal Products Co., 40
 Gulf Equipment - McGraw-Edison Co., 41
 Habersham Metal Products Co., 41
 Harris Press & Shear Corp., 42
 Haven Manufacturing Corp., 43
 Holt Sheet Metal Works Inc., 44
 The Lerio Corp., 47
 Louisville Tool & Engineering, Inc., 48
 Low Temp Manufacturing Co., 49
 Macon Machine Shop, Inc., 49
 Macuch Steel Products, Inc., 50
 Madison Industries Inc., of Ga., 51
 Metalcrafts, Inc., 52
 Metal Equipment Co., 52
 Metal Fabricators, Inc., 54
 Mid States Screw & Bolt Co., 54
 NVF - Fisher Division, 55
 National Metal Products Co., 56
 Norris Machine & Fabricators, Inc., 57
 Numerical Engineering Machine Co., 57
 Perfection Products Co., 59
 Quality Food Machine, Inc., 61
 Rainbow Manufacturing Co., 62
 Rome Machine & Foundry Co., 64
 Rome Sheet Metal Works Inc., 64
 Roper Pump Co., 65
 Rosenthal Metal Co., 67
 Royston Manufacturing Corp., 67
 Settles Precision Manufacturing Co., 68
 Sikes Machine Co., 69
 Southeastern Metal Products, 70
 Southern Iron & Equipment Co., 71
 Southern Machine & Tool Co., 72
 Southern Machine & Welding Co., 73
 Spruill Products, Inc., 75
 Steel, Inc., 75
 Steel Erectors, Inc., 76
 Sunshine Metal Products, 77
 Superior Aluminum Products Corp., 78
 Superior Steel Fabricators, Inc., 79
 Tillery Metal Products Co., 80
 The Tumpene Co. of Georgia, Inc., 83
 Jervis B. Webb Co. of Georgia, 85
 West Point Foundry & Machine Co., 86
 Whitehead Die Casting Co., 88
 Withers Tool Die & Manufacturing Co.,
 Inc., 89
 Gip Youmans, 90

MACHINING

Automatic Lathes, see Lathes,
Automatic

Band Saws, see Saws, Band

Boring Mills, Horizontal

The Aid Corp., 1
Arbiser Machine Building Co., 3
Atlanta Grotnes Machine Co., 5
Augusta Iron & Steel Works, 7
Davidson Kennedy Co., 26
Dell Industries, 27
Dixie Machines Products, 28
Dubie-Clark Co., Division of
Banner Industries, Inc., 29
Fulghum Industries, Inc., 35
Golden's Foundry & Machine Co., 39
Harris Press & Shear Corp., 42
Haven Manufacturing Corp., 43
The Lerio Corp., 47
Pekor Iron Works, 59
Roper Pump Co., 65
Toccoa Steel Foundry, 81
Wade & Sons, 84
West Point Foundry & Machine Co., 86
Withers Machine Works, Inc., 88
Withers Tool Die & Manufacturing Co.,
Inc., 89

Boring Mills, Vertical

The Aid Corp., 1
Atlanta Grotnes Machine Co., 5
Augusta Iron & Steel Works, 7
Bankhead Welding Service, 11
Berkeley Pump Co., 12
Brown Steel Contractors, Inc.,
Blue Division, 18
Champion Machine & Manufacturing,
Inc., 21
Davidson Kennedy Co., 26
Dell Industries, 27
Dixie Machine Products, 28
Dubie-Clark Co., Division of
Banner Industries, Inc., 29
Fulghum Industries, Inc., 35
Georgia Machine & Manufacturing
Co., 37
Golden's Foundry & Machine Co., 39
Harris Press & Shear Corp., 42

Macon Machine Shop, Inc., 49
McCann Machine Co., Inc., 51
Metal Equipment Co., 52
Rome Tool & Die Co., 65
Roper Pump Co., 65
Southern Machine & Tool Co., 72
Toccoa Steel Foundry, 81
The Tumpene Co. of Georgia, Inc., 83
Wade & Sons, 84
West Point Foundry & Machine Co., 86
Withers Machine Works, Inc., 88
Withers Tool Die & Manufacturing Co.,
Inc., 89

Broaching Machines

The Aid Corp., 1
Cardinal Manufacturing Co., 20
Dubie-Clark Co., Division of
Banner Industries, Inc., 29
Golden's Foundry & Machine Co., 39
Harris Press and Shear Corp., 42
Johnson & Brown Machine Works, Inc., 45
Roper Pump Co., 65
Shearer Machine Co., 68
Thackston Steel Co., 79
Torco, Inc., 81
Wade & Sons, 84
Jervis B. Webb Co. of Georgia, 85
Withers Machine Works, Inc., 88

Centerless Grinders, see Grinders,
Centerless

Circular Saws, see Saws, Circular

Drills, Multi-Spindle

The Aid Corp., 1
Architectural Manufacturing Co. of
America, 4
Atlas Manufacturing & Machine Corp., 6
Berkeley Pump Co., 12
Cobb County Tool & Engineering Inc., 23
Davidson Kennedy Co., 26
Dixie Machine Products, 28
Evans Tool & Die, 32
Franklin Products Corp. - Chef Div., 34
Harvey Hubbell, Inc., Lighting Div., 43
Jonesboro Tool & Die Corp., 46
Midville Tool & Die Co., Inc., 55
Rainbow Manufacturing Co., 62

Reeves Machine Co., Inc., 63
 Roper Pump Co., 65
 Southern Iron & Equipment Co., 71
 Toccoa Steel Foundry, 81
 Tucker Tool & Die Inc., 82
 Jervis B. Webb Co. of Georgia, 85
 West Point Foundry & Machine
 Co., 86

Drills, Radial

The Aid Corp., 1
 American Alloy Steel Inc., 2
 Atlanta Grotnes Machine Co., 5
 Atlas Manufacturing & Machine
 Corp., 6
 Augusta Iron & Steel Works, 7
 B. M. R. Fabricators, 9
 Bankhead Welding Service, 11
 Berkeley Pump Co., 12
 Breman Steel Co., 16
 Bridgeport Brass, Div. of National
 Distributors & Chemical Corp., 17
 Brock & Blevins Co., Inc., 18
 Brown Steel Contractors, Inc.,
 Blue Division, 18
 Champion Machine & Manufacturing
 Inc., 21
 Cobb County Tool & Engineering
 Inc., 23
 Davidson Kennedy Co., 26
 Dell Industries, 27
 Design Engineering Inc., 28
 Dixie Machine Products, 28
 Dubie-Clark Co., Division of
 Banner Industries, Inc., 29
 Equipment Specialties Corp., 31
 Farmaster Products Co., 33
 Flynt's Auto Machine Shop, 34
 Fulghum Industries, Inc., 35
 Georgia Machine & Mfg. Co., 37
 Georgia Steel Inc., 38
 Golden's Foundry & Machine Co., 39
 Harris Press & Shear Corp., 42
 Harvey Hubbell, Lighting Div., 43
 Haven Manufacturing Corp., 43
 Jonesboro Tool & Die Corp., 46
 LaGrange Iron Works, 47
 Louisville Tool & Eng. Inc., 48
 Macon Machine Shop, Inc., 49
 Metal Equipment Co., 52
 Norris Machine & Fab., Inc., 57
 R. L. Peck Co., 58
 Quality Food Machine, Inc., 61
 Rainbow Manufacturing Co., 62

Reeves Machine Co., Inc., 63
 Roper Pump Co., 65
 Sikes Machine Co., 69
 Southeastern Metal Products, 70
 Southern Iron & Equipment Co., 71
 Southern Machine & Tool Co., 72
 Southern Machine & Welding Co., 73
 Southside Tool & Die Co., Inc., 74
 Stein Steel & Supply Co., 76
 Super Deluxe Industries, Inc., 78
 Toccoa Steel Foundry, 81
 The Tumpene Co. of Georgia, Inc., 83
 Wade & Sons, 84
 Jervis B. Webb Co. of Georgia, 85
 West Point Foundry & Machine Co., 86
 Withers Machine Works, Inc., 88
 Withers Tool Die & Manufacturing Co.,
 Inc., 89

Drills, Turret

The Aid Corp., 1
 Bennett Manufacturing Co., 12
 Champion Machine & Mfg. Inc., 21
 Dell Industries, 27
 Georgia Machine & Mfg. Co., 37
 Roper Pump Co., 65
 Withers Tool Die & Mfg. Co. Inc., 89

Drills, Upright

The Aid Corp., 1
 American Alloy Steel Inc., 2
 Arbiser Machine Building Co., 3
 Architectural Manufacturing Co. of
 America, 4
 Atlantic Sheet Metal Co., 6
 Atlas Manufacturing & Machine Corp., 6
 Augusta Iron & Steel Works, 7
 Automatic Machine & Tool Co., 8
 B. M. R. Fabricators, 9
 Baker Manufacturing Co., 10
 Bankhead Welding Service, 11
 Bennett Manufacturing Co., 12
 Berkeley Pump Co., 12
 Bibb Steel & Supply Co., Inc., 13
 Blanton Plow Co., Inc., 14
 W. C. Bradley, 14
 Breman Steel Co., 16
 Bridgeport Brass, Div. of National
 Distributors & Chemical Corp., 17
 Brock & Blevins Co., Inc., 18
 Brown Steel Contractors, Inc.,
 Brown Division, 19

CSM Inc., 20
 Cardinal Manufacturing Co., 20
 Champion Machine & Manufacturing Inc., 21
 Cherokee Metals Inc., 22
 Cobb County Tool & Engineering Inc., 23
 Cook & Co., 24
 Damar, Inc., 25
 Davidson Kennedy Co., 26
 Dell Industries, 27
 Design Engineering Inc., 28
 Dixie Machine Products, 28
 Dubie-Clark Co., Division of Banner Industries Inc., 29
 Evans Tool & Die, 32
 Flynt's Auto Machine Shop, 34
 Gainesville Iron Works Inc., 36
 Georgia Machine & Manufacturing Co., 37
 Georgia Pacific Pump Co., 38
 Georgia Steel Inc., 38
 Golden's Foundry & Machine Co., 39
 Greenfield Metal Products Co., 40
 Harvey Hubbell, Inc., Lighting Division, 43
 Haven Manufacturing Corp., 43
 Holt Sheet Metal Works Inc., 44
 Jonesboro Tool & Die Corp., 46
 LaGrange Iron Works, 47
 Louisville Tool & Engineering, Inc., 48
 Macon Machine Shop, Inc., 49
 Macuch Steel Products, Inc., 50
 McCann Machine Co., Inc., 51
 Metal Equipment Co., 52
 Metal Fabricators, Inc., 54
 Mid States Screw & Bolt Co., 54
 Midville Tool & Die Co., Inc., 55
 Norris Machine & Fabricators, Inc., 57
 Numerical Eng. Machine Co., 57
 Quality Food Machine, Inc., 61
 Rainbow Manufacturing Co., 62
 Reeves Machine Co., Inc., 63
 Rome Machine & Foundry Co., 64
 Roper Pump Co., 65
 Settles Precision Manufacturing Co., 68
 Shearer Machine Co., 68
 Sikes Machine Co., 69
 Southeastern Metal Products, 70
 Southern Iron & Equipment Co., 71
 Southern Machine & Tool Co., 72

Southside Tool & Die Co., Inc., 74
 The Storer Fabricating Co., Inc., 77
 Super Deluxe Industries, Inc., 78
 Superior Aluminum Products Corp., 78
 Thackston Steel Co., Inc., 79
 Tucker Tool & Die Inc., 82
 The Tumpane Co., of Georgia, Inc., 83
 Wade & Sons, 84
 West Point Foundry & Machine Co., 86
 Whaley Machine Products, Inc., 87
 Withers Machine Works, Inc., 88
 Withers Tool Die & Manufacturing Co., Inc., 89
 Gip Youmans, 90

Electric Machining Units

Bridgeport Brass, Div. of National Distributors & Chemical Corp., 17
 Georgia Machine & Manufacturing Co., 37
 Tucker Tool & Die Inc., 82
 Whitehead Die Casting Co., 88
 Withers Tool Die & Manufacturing Co., Inc., 89

Engine Lathes, see Lathes, Engine

External Grinders, see Grinders, External

Gear-Making Machines

Cardinal Manufacturing Co., 20
 Dixie Machine Products, 28
 Johnson & Brown Machine Works, Inc., 45
 LaGrange Iron Works, 47
 Reeves Machine Co., Inc., 63
 Roper Pump Co., 65
 Shearer Machine Co., 68
 West Point Foundry & Machine Co., 86
 Withers Machine Works, Inc., 88

Grinders, Centerless

Centerless Grinding Service, 21
 Johnston Automatic Machine Parts Co., Inc., 45
 Torco, Inc., 81
 West Point Foundry & Machine Co., 86

Grinders, External

The Aid Corp., 1
 Arbiser Machine Building Co., 3
 Atlas Manufacturing & Machine Corp., 6
 Berkeley Pump Co., 12

W. C. Bradley, 14
 Bramco Products - Div. of National
 Service Inc., 15
 Bridgeport Brass, Div. of National
 Distributors & Chemical Corp. 17
 Cobb County Tool & Eng. Inc. 23
 Dell Industries, 27
 Dixie Machine Products, 28
 Dubie-Clark Co., Division of
 Banner Industries, Inc., 29
 Golden's Foundry & Machine Co., 39
 Greenfield Metal Products Co., 40
 Haven Manufacturing Corp., 43
 LaGrange Iron Works, 47
 The Lerio Corp., 47
 Macuch Steel Products, Inc., 50
 McCann Machine Co., Inc., 51
 Mid States Screw & Bolt Co., 54
 Midville Tool & Die Co., Inc., 55
 NVF - Fisher Division, 55
 Numerical Eng. Machine Co., 57
 Reeves Machine Co., Inc., 63
 Rome Machine & Foundry Co., 64
 Roper Pump Co., 65
 Settles Precision Manufacturing
 Co., 68
 Southern Iron & Equipment Co., 71
 Southern Machine & Tool Co., 72
 Stein Steel & Supply Co., 76
 Torco, Inc., 81
 Tucker Tool & Die Inc., 82
 The Tumpene Co. of Ga., Inc., 83
 Wade & Sons, 84
 West Point Foundry & Machine Co., 86
 Withers Machine Works Inc., 88
 Withers Tool Die & Manufacturing
 Co., Inc., 89

Grinders, Internal

Arbiser Machine Building Co., 3
 Cobb County Tool & Engineering
 Inc., 23
 Dell Industries, 27
 Dixie Machine Co., Inc., 28
 Harris Press & Shear Corp., 42
 McCann Machine Co., Inc., 51
 Numerical Engineering Machine
 Co., 57
 Reeves Machine Co., Inc., 63
 Roper Pump Co., 65
 Southern Machine & Tool Co., 72
 Torco, Inc., 81

Tucker Tool & Die Inc., 82
 Wade & Sons, 84
 Withers Machine Works, Inc., 88
 Withers Tool Die & Manufacturing
 Co., Inc., 89

Grinders, Surface

The Aid Corp., 1
 Arbiser Machine Building Co., 3
 Atlas Manufacturing & Machine Corp., 6
 Augusta Iron & Steel Works, 7
 B. M. R. Fabricators, 9
 Bainbridge Machine Co., 10
 Bennett Manufacturing Co., 12
 Blanton Plow Co., Inc., 14
 Bramco Products - Div. of National
 Service Inc., 15
 Bridgeport Brass, Div. of National
 Distributors & Chemical Corp., 17
 Centerless Grinding Service, 21
 Cherokee Metals Inc., 22
 Cobb County Tool & Eng. Inc., 23
 Cook & Co., 24
 Damar, Inc., 25
 Dell Industries, 27
 Dixie Machine Products, 28
 Evans Tool & Die, 32
 Flynt's Auto Machine Shop, 34
 Georgia Machine & Mfg. Co., 37
 Golden's Foundry & Machine Co., 39
 Harvey Hubbell, Inc., Lighting
 Division, 43
 Haven Manufacturing Corp., 43
 Jonesboro Tool & Die Corp., 46
 Louisville Tool & Eng., Inc., 48
 Numerical Eng. Machine Co., 57
 Quality Food Machine, Inc., 61
 Rabun Metal Products, Inc., 61
 Reeves Machine Co., Inc., 63
 Rome Tool & Die Co., 65
 Roper Pump Co., 65
 Southern Machine & Tool Co., 72
 Southside Tool & Die Co., Inc., 74
 Super Deluxe Industries, Inc., 78
 Torco, Inc., 81
 Tucker Tool & Die, Inc., 82
 The Tumpene Co. of Georgia, Inc., 83
 Whaley Machine Products, Inc., 87
 Withers Machine Works, Inc., 88
 Withers Tool Die & Manufacturing Co.,
 Inc., 89

Horizontal Boring Mills, see Boring Mills, Horizontal

Internal Grinders, see Grinders, Internal

Jig Borers

Cobb County Tool & Eng. Inc., 23
Dubie-Clark Co., Division of
Banner Industries, Inc., 29
Flynt's Auto Machine Shop, 34
Haven Manufacturing Corp., 43
Louisville Tool & Engineering,
Inc., 48
Midville Tool & Die Co., Inc., 55
Reeves Machine Co., Inc., 63
Roper Pump Co., 65
Southern Machine & Tool Co., 72
Tillery Metal Products Co., 80
Tucker Tool & Die Inc., 82
Withers Machine Works, Inc., 88
Withers Tool Die & Manufacturing
Co., Inc., 89

Keyseaters

Reeves Machine Co., Inc., 63
Rome Machine and Foundry Co., 64
Shearer Machine Co., 68
Super Deluxe Industries, Inc., 78
Wade & Sons, 84

Lathes, Automatic

Automatic Machine & Tool Co., 8
Berkeley Pump Co., 12
Dubie-Clark Co., Division of
Banner Industries Inc., 29
Franklin Products Corp. - Chef
Division, 34
Golden's Foundry & Machine Co., 39
Harris Press & Shear Corp., 42
Rainbow Manufacturing Co., 62
Roper Pump Co., 65
West Point Foundry & Machine
Co., 86

Lathes, Engine

The Aid Corp., 1
Arbiser Machine Building Co., 3
Atlanta Grotnes Machine Co., 5
Atlas Manufacturing & Machine Co., 6
Augusta Iron & Steel Works, 7
Automatic Machine & Tool Co., 8

B. M. R. Fabricators, 9
Bainbridge Machine Co., 10
Bankhead Welding Service, 11
Bennett Manufacturing Co., 12
Berkeley Pump Co., 12
Blanton Plow Co., Inc., 14
Bramco Products - Div. of National
Service, Inc., 15
Bremar Steel Co., 16
Bridgeport Brass, Division of National
Distributors & Chemical Corp., 17
Brock & Blevins Co., Inc., 18
Brown Steel Contractors, Inc.,
Blue Division, 18
Cardinal Manufacturing Co., 20
Champion Machine & Manufacturing,
Inc., 21
Cobb County Tool & Engineering Inc., 23
Cook & Co., 23
Dalton Sheet Metal Co., Inc., 25
Damar, Inc., 25
Davidson Kennedy Co., 26
Dell Industries, 27
Dixie Machine Products, 28
Dubie-Clark Co., Division of
Banner Industries, Inc., 29
Flynt's Auto Machine Shop, 34
Franklin Products Corp. - Chef
Division, 43
Fulghum Industries, Inc., 35
Gainesville Iron Works Inc., 36
Georgia Machine & Manufacturing Co., 37
Golden's Foundry & Machine Co., 39
Greenfield Metal Products Co., 40
Harris Press & Shear Corp., 42
Harvey Hubbell, Inc., Lighting
Division, 43
Haven Manufacturing Corp., 43
Holt Sheet Metal Works Inc., 44
Johnson & Brown Machine Works, Inc., 45
Johnston Automatic Machine Parts Co.,
Inc., 45
Jonesboro Tool & Die Corp., 46
LaGrange Iron Works, 47
The Lerio Corp., 47
Louisville Tool & Engineering, Inc., 48
Macon Machine Shop, Inc., 49
McCann Machine Co., Inc., 51
Metal Equipment Co., 52
Metal Fabricators, Inc., 54
Mid States Screw & Bolt Co., 54
Midville Tool & Die Co., Inc., 55
Norris Machine & Fabricators, Inc., 57
Numerical Engineering Machine Co., 57

R. L. Peck Co., 58
 Pekor Iron Works, 59
 Quality Food Machine, Inc., 61
 Rainbow Manufacturing Co., 62
 Reeves Machine Co., Inc., 63
 Rome Machine & Foundry Co., 64
 Rome Tool & Die Co., 65
 Roper Pump Co., 65
 Settles Precision Manufacturing Co., 68
 Shearer Machine Co., 68
 Sikes Machine Co., 69
 Southeastern Metal Products, 70
 Southern Iron & Equipment Co., 71
 Southern Machine & Tool Co., 72
 Southern Machine & Welding Co., 73
 Southside Tool & Die Co., Inc., 74
 Super Deluxe Industries, Inc., 78
 Thackston Steel Co., Inc., 79
 Tillery Metal Products Co., 80
 Toccoa Steel Foundry, 81
 Torco, Inc., 82
 Tucker Tool & Die, Inc., 82
 The Tumpane Co. of Georgia, Inc., 83
 Wade & Sons, 84
 Jervis B. Webb Co. of Georgia, 85
 West Point Foundry & Machine Co., 86
 Whaley Machine Products, Inc., 87
 Whitehead Die Casting Co., 88
 Withers Machine Works, Inc., 88
 Withers Tool Die & Manufacturing Co., Inc., 89
 Gip Youmans, 90

Lathes, Screw Machines

The Aid Corp., 1
 Atlanta Tool Co., Inc., 5
 Atlas Manufacturing & Machine Corp., 6
 Automatic Machine & Tool Co., 8
 Berkeley Pump Co., 12
 Champion Machine & Manufacturing Inc., 21
 Dell Industries, 27
 Johnston Automatic Machine Parts Co., Inc., 45
 Mid States Screw & Bolt Co., 54
 Roper Pump Co., 65
 Settles Precision Manufacturing Co., 68
 Torco, Inc., 81
 Whaley Machine Products, Inc., 87
 Whitehead Die Casting Co., 88

Lathes, Turret

Arbiser Machine Building Co., 3
 Atlas Manufacturing & Machine Corp., 6
 Augusta Iron & Steel Works, 7
 Automatic Machine & Tool Co., 8
 B. M. R. Fabricators, 9
 Bankhead Welding Service, 11
 Berkeley Pump Co., 12
 Bramco Products - Div. of National Service Inc., 17
 Champion Machine & Manufacturing, Inc., 21
 Cherokee Metals Inc., 22
 Davidson Kennedy Co., 26
 Dell Industries, 27
 Dixie Machine Products, 28
 Dubie-Clark Co., Division of Banner Industries, 29
 Flynt's Auto Machine Shop, 34
 Franklin Products Corp. - Chef Division, 34
 Georgia Pacific Pump Co., 38
 Golden's Foundry & Machine Co., 39
 Greenfield Metal Products Co., 40
 Harris Press & Shear Corp., 42
 Haven Manufacturing Corp., 43
 Johnson & Brown Machine Works, Inc., 45
 Johnston Automatic Machine Parts Co., Inc., 45
 LaGrange Iron Works, 47
 Louisville Tool & Engineering, Inc., 48
 McCann Machine Co., Inc., 51
 Midville Tool & Die Co., Inc., 55
 Numerical Engineering Machine Co., 57
 Quality Food Machine, Inc., 61
 Rainbow Manufacturing Co., 62
 Roper Pump Co., 65
 Settles Precision Manufacturing Co., 68
 Southern Iron & Equipment Co., 71
 Southern Machine & Tool Co., 72
 Southern Machine & Welding Co., 73
 Tillery Metal Products Co., 80
 Toccoa Steel Foundry, 81
 The Tumpane Co. of Georgia, Inc., 83
 West Point Foundry & Machine Co., 86
 Whaley Machine Products, Inc., 87
 Whitehead Die Casting Co., 88
 Withers Tool Die & Manufacturing Co., Inc., 89

Milling Machines

The Aid Corp., 1
Arbiser Machine Building Co., 3
Architectural Manufacturing Co. of America, 4
Atlanta Tool Co., Inc., 5
Atlas Manufacturing & Machine Corp., 6
Augusta Iron & Steel Works, 7
Automatic Machine & Tool Co., 8
B. M. R. Fabricators, 9
Bainbridge Machine Co., 10
Bankhead Welding Service, 11
Berkeley Pump Co., 12
Blanton Plow Co., Inc., 14
W. C. Bradley, 14
Bramco Products - Div. of National Service, Inc., 15
Bridgeport Brass, Div. of National Distributors & Chemical Corp., 17
Brown Steel Contractors, Inc., Blue Division, 18
Cardinal Manufacturing Co., 20
Champion Machine & Manufacturing Inc., 21
Cobb County Tool & Engineering Inc., 23
Cook & Co., 24
Damar, Inc., 25
Davidson Kennedy Co., 26
Dell Industries, 27
Dixie Machine Products, 28
Dubie-Clark Co., Division of Banner Industries, Inc., 29
Equipment Specialties Corp., 31
Evans Tool & Die, 32
Flynt's Auto Machine Shop, 34
Franklin Products Corp. - Chef Division, 34
Fulghum Industries, Inc., 35
Georgia Machine & Manufacturing Co., 37
Golden's Foundry & Machine Co., 37
Greenfield Metal Products Co., 40
Harris Press & Shear Corp., 42
Harvey Hubbell, Inc., Lighting Division, 43
Haven Manufacturing Corp., 43
Johnson & Brown Machine Works, Inc., 45
Johnston Automatic Machine Parts Co., Inc., 45
Jonesboro Tool & Die Corp., 46

LaGrange Iron Works, 47
The Lerio Corp., 47
Louisville Tool & Engineering, Inc., 48
Macon Machine Shop, Inc., 49
McCann Machine Co., Inc., 51
Metal Equipment Co., 52
Metal Fabricators, Inc., 54
Midville Tool & Die Co., Inc., 55
Norris Machine & Fabricators, Inc., 57
Numerical Engineering Machine Co., 57
R. L. Peck Co., 58
Quality Food Machine, Inc., 61
Rabun Metal Products, Inc., 61
Rainbow Manufacturing Co., 62
Reeves Machine Co., Inc., 63
Rome Machine & Foundry Co., 64
Rome Tool & Die Co., 65
Roper Pump Co., 65
Shearer Machine Co., 68
Sikes Machine Co., 69
Southeastern Metal Products, 70
Southern Iron & Equipment Co., 71
Southern Machine & Tool Co., 72
Southern Machine & Welding Co., 73
Southside Tool & Die Co., Inc., 74
Thackston Steel Co., Inc., 79
Toccoa Steel Foundry, 81
Torco, Inc., 81
Tucker Tool & Die Inc., 82
The Tumpene Co. of Georgia, Inc., 83
Wade & Sons, 84
Jervis B. Webb Co. of Georgia, 85
West Point Foundry & Machine Co., 86
Whaley Machine Products, Inc., 87
Withers Machine Works, Inc., 88
Withers Tool Die & Manufacturing Co., Inc., 89
Gip Youmans, 90

Multi-Spindle Drills, see Drills, Multi-Spindle

NC Machines, Boring

Dubie-Clark Co., Division of Banner Industries, Inc., 29
Harris Press & Shear Corp., 42
Haven Manufacturing Corp., 43
Numerical Engineering Machine Co., 57
Roper Pump Co., 65
Tucker Tool & Die Inc., 82
West Point Foundry & Machine Co., 86

NC Machines, Drilling

Dubie-Clark Co., Division of
Banner Industries, Inc., 29
Harris Press & Shear Corp., 42
Haven Manufacturing Corp., 43
Numerical Eng. Machine Co., 57
Roper Pump Co., 65
Tucker Tool & Die Inc., 82
West Point Foundry & Machine Co., 86

NC Machines, Lathe Work

Dubie-Clark Co., Division of
Banner Industries, Inc., 29
Harris Press & Shear Corp., 42
Numerical Eng. Machine Co., 57
Roper Pump Co., 65
West Point Foundry & Machine Co., 86

NC Machines, Milling

The Aid Corp., 1
Dubie-Clark Co., Division of
Banner Industries Inc., 29
Georgia Machine & Manufacturing
Co., 37
Harris Press & Shear Corp., 42
Haven Manufacturing Corp., 43
Numerical Eng. Machine Co., 57
Roper Pump Co., 65
Tucker Tool & Die Inc., 82
West Point Foundry & Machine Co., 86

Planers

Augusta Iron & Steel Works, 7
Champion Machine & Manufacturing
Inc., 21
Davidson Kennedy Co., 26
Dell Industries, 27
Dubie-Clark Co., Division of
Banner Industries, Inc., 29
Evans Tool & Die, 32
Golden's Foundry & Machine Co., 39
Haven Manufacturing Corp., 43
Macon Machine Shop, Inc., 49
Reeves Machine Co., Inc., 63
Rome Tool & Die Co., 65
Shearer Machine Co., 68
Sikes Machine Co., 69
Southern Machine & Tool Co., 72
Southern Machine & Welding Co., 73
Super Deluxe Industries, Inc., 78

Toccoa Steel Foundry, 81
The Tumpene Co. of Georgia, Inc., 83
Wade & Sons, 84
West Point Foundry & Machine Co., 86
Withers Machine Works, Inc., 88
Withers Tool Die & Manufacturing
Co., Inc., 89

Radial Drills, see Drills, Radial

Reciprocating Saws, see Saws, Reciprocating

Saws, Band

Advanced Metal & Welding Co., 1
The Aid Corp., 1
Arbiser Machine Building Co., 3
Architectural Manufacturing Co. of
America, 4
Atlanta Grotnes Machine Co., 5
Atlantic Sheet Metal Co., 6
Atlas Manufacturing & Machine Corp., 6
Augusta Iron & Steel Works, 7
Automatic Machine & Tool Co., 8
B. M. R. Fabricators, 9
Baker Manufacturing Co., 10
Bankhead Welding Service, 11
Bennett Manufacturing Co., 12
Bibb Steel & Supply Co., Inc., 13
W. C. Bradley, 14
Bramco Products - Div. of National
Service, Inc., 15
Bremar Steel Co., 16
Brock & Blevins Co., Inc., 18
Brown Steel Contractors, Inc.,
Blue Division, 18
Brown Steel Contractors, Inc.,
Brown Division, 19
Cardinal Manufacturing Co., 20
Champion Machine & Manufacturing
Inc., 21
Cherokee Metals Inc., 22
Cobb County Tool & Engineering
Inc., 23
Cook & Co., 24
Damar, Inc., 25
Davidson Kennedy Co., 26
Dell Industries, 27
Design Engineering Inc., 28
Dixie Machine Products, 28
Dubie-Clark Co., Division of
Banner Industries, Inc., 29

Dye Sheet Metal Products, Inc., 30
 Evans Tool & Die, 32
 Flynt's Auto Machine Shop, 34
 Franklin Products Corp. - Chef
 Division, 34
 Fulghum Industries, Inc., 35
 Gainesville Iron Works Inc., 36
 Georgia Machine & Manufacturing
 Co., 37
 Georgia Steel Inc., 38
 Greenfield Metal Products Co., 40
 Harvey Hubbell, Inc., Lighting
 Division, 43
 Haven Manufacturing Corp., 43
 Holt Sheet Metal Works, Inc., 44
 Johnson & Brown Machine Works,
 Inc., 45
 Johnston Automatic Machine Parts
 Co., Inc., 45
 Jonesboro Tool & Die Corp. 46
 Louisville Tool & Engineering,
 Inc., 48
 Macon Machine Shop, Inc., 49
 Macuch Steel Products, Inc., 50
 McCann Machine Co., Inc., 51
 Metal Equipment Co., 52
 Metal Fabricators, Inc., 54
 Midville Tool & Die Co., Inc., 55
 NVF - Fisher Division, 55
 Norris Machine & Fabricators,
 Inc., 57
 Numerical Engineering Machine
 Co., 57
 R. L. Peck Co., 58
 Quality Food Machine, Inc., 61
 Rabun Metal Products, Inc., 61
 Rainbow Manufacturing Co., 62
 Reeves Machine Co., Inc., 63
 Rome Machine & Foundry Co., 64
 Rome Tool & Die Co., 65
 Roper Pump Co., 65
 Rosenthal Metal Co., 67
 Settles Precision Manufacturing
 Co., 68
 Shearer Machine Co., 68
 Sikes Machine Co., 69
 Southeastern Metal Products, 70
 Southern Iron & Equipment Co., 71
 Southern Machine & Tool Co., 72
 Southern Machine & Welding Co., 73
 Southside Tool & Die Co., Inc., 74
 Stein Steel & Supply Co., 76
 The Storer Fabricating Co., Inc.,
 77

Superior Aluminum Products Corp., 78
 Thackston Steel Co., Inc., 79
 Tillery Metal Products Co., 80
 Torco, Inc., 81
 Tucker Tool & Die Inc., 82
 The Tumpane Co. of Georgia, Inc., 83
 Wade & Sons, 84
 West Point Foundry & Machine Co., 86
 Whaley Machine Products, Inc., 87
 Withers Machine Works, Inc., 88
 Withers Tool Die & Manufacturing
 Co., Inc., 89
 Gip Youmans, 90

Saws, Circular

The Aid Corp., 1
 Arbiser Machine Building Co., 3
 Architectural Manufacturing Co. of
 America, 4
 Bankhead Welding Service, 11
 Bennett Manufacturing Co., 12
 Berkeley Pump Co., 12
 Bramco Products - Div. of National
 Service, Inc., 15
 Breman Steel Co., 16
 Bridgeport Brass, Div. of National
 Distributors & Chemical Corp., 17
 CSM Inc., 20
 Cardinal Manufacturing Co., 20
 Champion Machine & Manufacturing
 Inc., 21
 Cobb County Tool & Engineering Inc., 23
 Dell Industries, 27
 Design Engineering Inc., 28
 Dubie-Clark Co., Division of Banner
 Industries, Inc., 29
 Dye Sheet Metal Products, Inc., 30
 Equipment Specialities Corp., 31
 Fulghum Industries, Inc., 35
 G & L Steel Company, 36
 Gainesville Iron Works, Inc., 36
 Georgia Pacific Pump Co., 38
 Georgia Steel Inc., 38
 Gulf Equipment - McGraw Edison Co., 41
 McCann Machine Co., Inc., 51
 Metal Equipment Co., 52
 Mid States Screw & Bolt Co., 54
 Rainbow Manufacturing Co., 62
 Roper Pump Co., 65
 Southeastern Metal Products, 70
 Tillery Metal Products Co., 80
 The Tumpane Co. of Georgia, Inc., 83
 Withers Tool Die & Manufacturing Co.
 Inc., 89

Saws, Reciprocating

The Aid Corp., 1
Atlas Manufacturing & Machine Corp., 6
B. M. R. Fabricators, 9
Bainbridge Machine Co., 10
Berkeley Pump Co., 12
Bibb Steel & Supply Co., Inc., 13
Brock & Blevins Co., Inc., 18
Cook & Co., 24
Damar, Inc., 25
Dell Industries, 27
Design Engineering Inc., 28
Dubie-Clark Co., Division of Banner Industries, Inc., 29
Dye Sheet Metal Products, Inc., 30
Flynt's Auto Machine Shop, 34
Gainesville Iron Works, Inc., 36
Georgia Machine & Manufacturing Co., 37
Macon Machine Shop, Inc., 49
McCann Machine Co., Inc., 51
Metal Equipment Co., 52
NVF - Fisher Division, 55
Quality Food Machine, Inc., 61
Rabun Metal Products, Inc., 61
Reeves Machine Co., Inc., 63
Rome Machine & Foundry Co., 64
Rome Tool & Die Co., 65
Roper Pump Co., 65
Shearer Machine Co., 68
Southeastern Metal Products, 70
Southern Machine & Tool Co., 72
Tillery Metal Products Co., 80
Withers Tool Die & Manufacturing Co., Inc., 89

Screw Machines, see Lathes, Screw Machines

Shapers

Atlas Manufacturing & Machine Corp., 6
Augusta Iron & Steel Works, 7
Bankhead Welding Service, 11
Blanton Plow Co., Inc., 14
W. C. Bradley, 14
Bramco Products - Div. of National Service, Inc., 15
Breman Steel Co., 16
Bridgeport Brass, Div. of National Distributors & Chemical Corp., 17

Brock & Blevins Co., Inc., 18
Cobb County Tool & Engineering, Inc., 23
Davidson Kennedy Co., 26
Dell Industries, 27
Dixie Machine Products, 28
Dubie-Clark Co., Division of Banner Industries, Inc., 29
Evans Tool & Die, 32
Flynt's Auto Machine Shop, 34
Georgia Machine & Manufacturing Co., 37
Golden's Foundry & Machine Co., 39
Harris Press and Shear Corp., 42
Harvey Hubbell, Inc., Lighting Division, 43
Haven Manufacturing Corp., 43
Jonesboro Tool & Die Corp., 46
The Lerio Corp., 47
Metal Equipment Co., 52
Reeves Machine Co., Inc., 63
Rome Machine & Foundry Co., 64
Rome Tool & Die Co., 65
Roper Pump Co., 65
Shearer Machine Co., 68
Sikes Machine Co., 69
Southeastern Metal Products, 70
Southern Iron & Equipment Co., 71
Southern Machine & Tool Co., 72
Southside Tool and Die Co., Inc., 74
Super Deluxe Industries, Inc., 78
Toccoa Steel Foundry, 81
Tucker Tool & Die, Inc., 82
The Tumpane Co. of Georgia, Inc., 83
Wade & Sons, 84
West Point Foundry & Machine Co., 86
Withers Machine Works, Inc., 88
Withers Tool Die & Manufacturing Co., Inc., 89

Surface Grinders, see Grinders, Surface

Turret Drills, see Drills, Turret

Turret Lathes, see Lathes, Turret

Upright Drills, see Drills, Upright

Vertical Boring Mills, see Boring Mills, Vertical

FABRICATING

Arc Welding

- | | |
|------------------------------------|---|
| Advanced Metal & Welding Co., 1 | Franklin Products Corp. - Chef |
| The Aid Corp., 1 | Division, 34 |
| American Alloy Steel Inc., 2 | G. & L. Steel Co., 36 |
| E. R. Andrews & Sons, 3 | Gainesville Iron Works, Inc., 36 |
| Arbiser Machine Building Co., 3 | Georgia Machine & Manufacturing Co., 37 |
| Architectural Manufacturing Co., | Georgia Steel Inc., 38 |
| of America, 4 | Golden's Foundry & Machine Co., 39 |
| Atlanta Grotnes Machine Co., 5 | Greenfield Metal Products Co., 40 |
| Atlantic Sheet Metal Co., 6 | Gulf Equipment - McGraw-Edison Co., 41 |
| Augusta Iron & Steel Works, 7 | Harris Press & Shear Corp., 42 |
| B. M. R. Fabricators, 9 | Harvey Hubbell, Inc., Lighting |
| Bainbridge Machine Co., 10 | Division, 43 |
| Baker Manufacturing Co., 10 | Haven Manufacturing Corp., 43 |
| Bankhead Welding Service, 11 | Holt Sheet Metal Works Inc., 44 |
| Barron Fabricators, Inc., 11 | Johnson & Brown Machine Works, |
| Bennett Manufacturing Co., 12 | Inc., 45 |
| Berkeley Pump Co., 12 | Jonesboro Tool & Die Corp., 46 |
| Bibb Steel & Supply Co., Inc., 13 | LaGrange Iron Works, 47 |
| Blanton Plow Co., Inc., 14 | The Lerio Corp., 47 |
| W. C. Bradley, 14 | Louisville Tool & Engineering, Inc., 48 |
| Bramco Products - Div. of National | Low Temp Manufacturing Co., Inc., 49 |
| Service, Inc., 15 | Macon Machine Shop, Inc., 49 |
| Breman Steel Co., 16 | Macuch Steel Products, Inc., 50 |
| Bridgeport Brass, Div. of National | Madison Industries Inc., of Georgia, 51 |
| Distributors & Chemical Corp., 17 | Metalcrafts, Inc., 52 |
| Brock & Blevins Co., Inc., 18 | Metal Fabricators, Inc., 54 |
| Brown Steel Contractors, Inc., | Mid States Screw & Bolt Co., 54 |
| Blue Division, 18 | Midville Tool & Die Co., Inc., 55 |
| Brown Steel Contractors, Inc., | NVF - Fisher Division, 55 |
| Brown Division, 19 | Norris Machine & Fabricators, Inc., 57 |
| CSM Inc., 20 | Numerical Engineering Machine Co., 57 |
| Cardinal Manufacturing Co., 20 | R. L. Peck Co., 58 |
| Champion Machine & Manufacturing | Perfection Products Co., 59 |
| Inc., 21 | Quality Food Machine, Inc., 61 |
| Cherokee Metals Inc., 22 | Rabun Metal Products, Inc., 61 |
| Cobb County Tool & Engineering, | Rainbow Manufacturing Co., 62 |
| Inc., 23 | Reeves Machine Co., Inc., 63 |
| Cook & Co., 24 | Rome Machine & Foundry Co., 64 |
| Dalton Sheet Metal Co., Inc., 25 | Rome Sheet Metal Works Inc., 64 |
| Damar, Inc., 25 | Rome Tool & Die Co., 65 |
| Davidson Kennedy Co., 26 | Roper Pump Co., 65 |
| Dell Industries, 27 | Rosenthal Metal Co., 67 |
| Design Engineering Inc., 28 | Royston Manufacturing Corp., 67 |
| Dixie Machine Products, 28 | Settles Precision Manufacturing Co., 68 |
| Dubie-Clark Co., Division of | Shearer Machine Co., 68 |
| Banner Industries, Inc., 29 | Sikes Machine Co., 69 |
| Dye Sheet Metal Products, Inc., 30 | Southeastern Metal Products, 70 |
| J. J. Finnigan Co., 33 | Southern Iron & Equipment Co., 71 |
| Flynt's Auto Machine Shop, 34 | Southern Machine & Tool Co., 72 |
| | Southern Machine & Welding Co., 73 |

Southside Tool & Die Co., Inc., 74
 Spruill Products, Inc., 75
 Steel, Inc., 75
 Stein Steel & Supply Co., 76
 The Storer Fabricating Co.,
 Inc., 77
 Sunshine Metal Products, 77
 Super Deluxe Industries, Inc., 78
 Superior Aluminum Products
 Corp., 78
 Superior Steel Fabricators,
 Inc., 79
 Thackston Steel Co., Inc., 79
 Tillery Metal Products Co., 80
 Torco, Inc., 81
 Tucker Tool & Die Inc., 82
 The Tumpene Co. of Ga., 85
 Wade & Sons, 84
 Jervis B. Webb Co. of Georgia, 85
 West Point Foundry & Machine Co., 86
 Whitehead Die Casting Co., 88
 Withers Machine Works, Inc., 88
 Withers Tool Die & Manufacturing
 Co., Inc., 89
 Gip Youmans, 90

Brazing

Georgia Machine & Manufacturing
 Co., 37
 Southeastern Metal Products, 70
 Tillery Metal Products, 80

Spot Welding

Advanced Metal & Welding Co., 1
 The Aid Corp., 1
 E. R. Andrews & Sons, 3
 Atlantic Sheet Metal Co., 6

B. M. R. Fabricators, Inc., 11
 Bainbridge Machine Co., 10
 Barron Fabricators, Inc., 11
 Bramco Products - Div. of National
 Service, Inc., 15
 Cardinal Manufacturing Co., 20
 Cherokee Metals Co., 22
 Cobb County Tool & Eng. Inc., 23
 Damar, Inc., 25
 Dell Industries, 27
 Dye Sheet Metal Products, Inc., 30
 Franklin Products Corp. - Chef
 Division, 34
 Georgia Machine & Mfg. Co., 37
 Greenfield Metal Products Co., Inc., 40
 Gulf Equipment - McGraw-Edison Co., 41
 Habersham Metal Products Co., 41
 Haven Manufacturing Corp., 43
 Holt Sheet Metal Works, Inc., 44
 The Lerio Corp., 47
 Louisville Tool & Engineering,
 Inc., 48
 Low Temp Manufacturing Co., Inc., 49
 Madison Industries Inc., of
 Georgia, 51
 Metalcrafts, Inc., 52
 Metal Fabricators, Inc., 54
 NVF - Fisher Division, 55
 Perfection Products Co., 59
 Quality Food Machine Inc., 61
 Rome Sheet Metal Works, Inc., 64
 Roper Pump Co., 65
 Royston Manufacturing Corp., 67
 Rosenthal Metal Co., Inc., 67
 Southeastern Metal Products, 70
 Sunshine Metal Products, 77
 Tillery Metal Products Co., 80
 Torco, Inc., 81

FINISHING

Anodizing

Architectural Manufacturing Co.
of America, 4
Production Plating Co., Inc., 60
Southern Aluminum Finishing Co., 71

Heat Treating & Stress Relieving

The Aid Corp., 1
Augusta Iron & Steel Works, 7
B. M. R. Fabricators, 9
W. C. Bradley, 14
Bridgeport Brass, Div. of National
Distributors & Chemical Corp., 17
Cherokee Metals, Inc., 22
Cobb County Tool & Engineering,
Inc., 23
Davidson Kennedy Co., 26
Drever Southern Metal Treating of
Georgia, Inc., 29
Fulghum Industries, Inc., 35
Golden's Foundry & Machine Co., 39
Harris Press & Shear Corp., 42
Haven Manufacturing Corp., 43
Johnston Automatic Machine Parts
Co., Inc., 45
Louisville Tool & Engineering
Co., Inc., 48
McCann Machine Co., Inc., 51
Midville Tool & Die Co., Inc., 55
Numerical Engineering Machine
Co., 57
Pekor Iron Works, 59
Qualco Casting, 60
Rainbow Manufacturing Co., 62
Rome Tool & Die Co., 65
Roper Pump Co., 65
Simmons Plating Works, Inc., 70
Southern Iron & Equipment Co., 71
Southern Machine & Tool Co., 72
Southside Tool & Die Co., Inc., 74
Toccoa Steel Foundry, 81
Torco, Inc., 81
Tucker Tool & Die, Inc., 82
The Tumpene Co. of Georgia, Inc., 83
Withers Tool Die & Manufacturing
Co., Inc., 89

Painting

The Aid Corp., 1
Architectural Manufacturing Co.
of America, 4
Augusta Iron & Steel Works, 7
B. M. R. Fabricators, 9
W. C. Bradley, 14
Bramco Products - Div. of National
Service, Inc., 15
Cherokee Metals Co., 22
Damar, Inc., 25
Dubie-Clark Co., Division of
Banner Industries, Inc., 29
Franklin Products Corp. - Chef
Division, 34
Gainesville Iron Works, Inc., 36
Georgia Steel, Inc., 38
Habersham Metal Products Co., 41
Louisville Tool & Engineering Inc., 48
Macon Machine Shop, Inc., 49
NVF - Fisher Division, 55
Perfection Products Co., 59
Rainbow Manufacturing Co., 62
Roper Pump Co., 65
Royston Manufacturing Corp., 67
Southern Aluminum Finishing Co., 71
Southern Iron & Equipment Co., 71
Spruill Products, Inc., 75
Stein Steel & Supply Co., 76
The Storer Fabricating Co., Inc., 77
Sunshine Metal Products, 77
Torco, Inc., 81

Plating

The Aid Corp., 1
Augusta Plating Co., Inc., 8
Bridgeport Brass, Division of National
Distributors & Chemical Corp., 17
Georgia Machine & Manufacturing Co., 37
Harris Press & Shear Corp., 42
Production Plating Co., Inc., 60
Roper Pump Co., 65
Simmons Plating Works, Inc., 70
United States Plating & Bumper
Service Inc., 84
West Point Foundry & Maching Co., 86
Withers Machine Works, Inc., 88

Polishing

Main Steel Polishing Co., Inc., of
Georgia, 51
Production Plating Co., Inc., 60
Simmons Plating Works, Inc., 70
Southern Aluminum Finishing Co., 75
Spruill Products, Inc.,

Sand Blasting

Augusta Iron & Steel Works, 7
B. M. R. Fabricators, 9
Design Engineering Inc., 28
Georgia Steel Inc., 38
Metal Equipment Co., 52

CASTING

Ferrous

D & J Manufacturing Co., Inc., 24
Golden's Foundry & Machine Co., 39
Harvey Hubbell Inc., Lighting
Division, 43
LaGrange Iron Works, 47
Pekor Iron Works, 59
Qualco Casting, 60
Toccoa Steel Foundry, 81
West Point Foundry & Machine
Co., 86

Nonferrous

D & J Manufacturing Co., Inc., 24
Golden's Foundry & Machine Co., 39
Harvey Hubbell, Inc., Lighting
Division, 43
LaGrange Iron Works, 47
Qualco Casting, 60
Rainbow Manufacturing Co., 62
West Point Foundry & Machine Co., 86
Whitehead Die Casting Co., 88

SPECIAL FACILITIES

The Aid Corp. (rotary swager, hydroformer, aluminum conversion coating), 1
American Alloy Steel, Inc. (X-ray equipment), 2
Architectural Manufacturing Co. of America (automatic mitre saws), 4
Berkeley Pump Co. (automatic indexing multi-spindle drilling machine), 12
Bramco Products - Div. of National Service Inc. (3T and 5T tube benders), 15
Breman Steel Co. (large-size punch and pipe bender), 16
Bridgeport Brass, Div. of National Distributors & Chemical Corp. (thin-wall tubing benders and automatic tubing cut-off saws), 17
Brock & Blevins Co. Inc. (magnetic drill presses), 18
Dell Industries (specific application machines), 27
Evans Metal Co. (furnaces, rolling mill, extrusion presses, and soldering machines), 32
Evans Tool & Die (comparator and stereo microscope), 32
Farmaster Products Co. (rolling mill and Yoder splitter), 33
Georgia Machine & Manufacturing Co. (stenciling, silkscreening and engraving), 37
Georgia Steel Inc. (beam lines with automatic punch, 4 torch cutting machine), 38
Gulf Equipment - McGraw-Edison Co. (nibbling and slotting machine), 41
Habersham Metal Products Co. (duplicator), 41
Harvey Hubbell Inc. Lighting Division (vibrating machines), 43
Jonesboro Tool & Die Corp. (3D duplicator), 46
Macuch Steel Products, Inc. (automatic beam punch), 50
Madison Industries Inc. of Georgia (porcelain enamel plant), 51
McCann Machine Co. Inc. (3D duplicator), 51
National Metal Products Co. (rotary gang slitters), 56
Newcomb Spring of Atlanta, Inc. (spring and wire form machinery), 56
Qualco Casting (X-ray and zyglo), 60
Reeves Machine Co., Inc., (metallizing, specialized milling attachment), 63
Roper Pump Co. (dynamometer), 65
Settles Precision Manufacturing Co. (swaging machine), 68
Southern Machine & Welding Co. (metallizing), 73
Tampco Division of J. M. Tull Industries (see entry), 79
Wade & Sons (metal spray), 84
J. B. Webb Co. of Georgia (multi-purpose burning machine), 85
Whitehead Die Casting Co. (plastic molding), 88